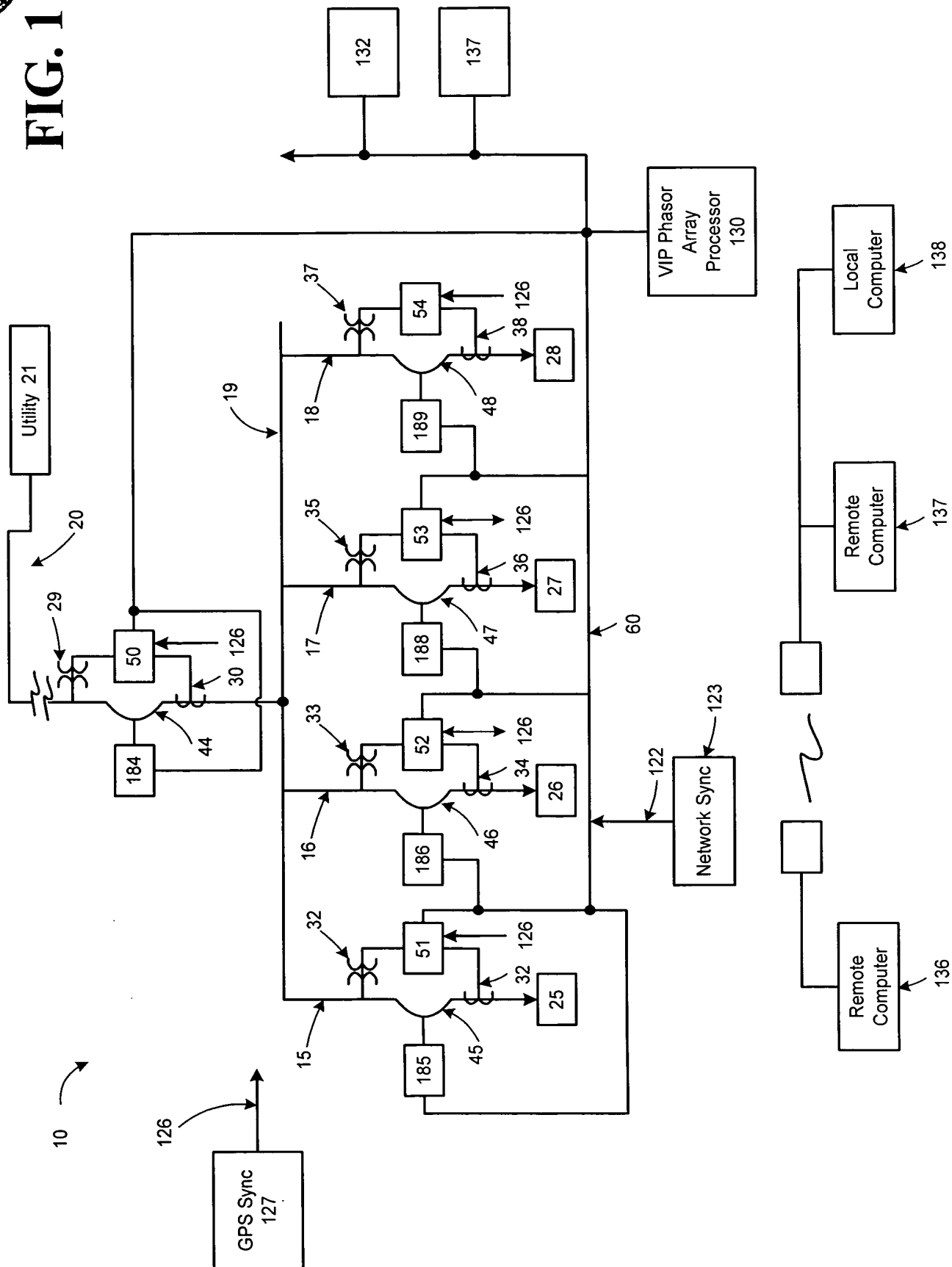
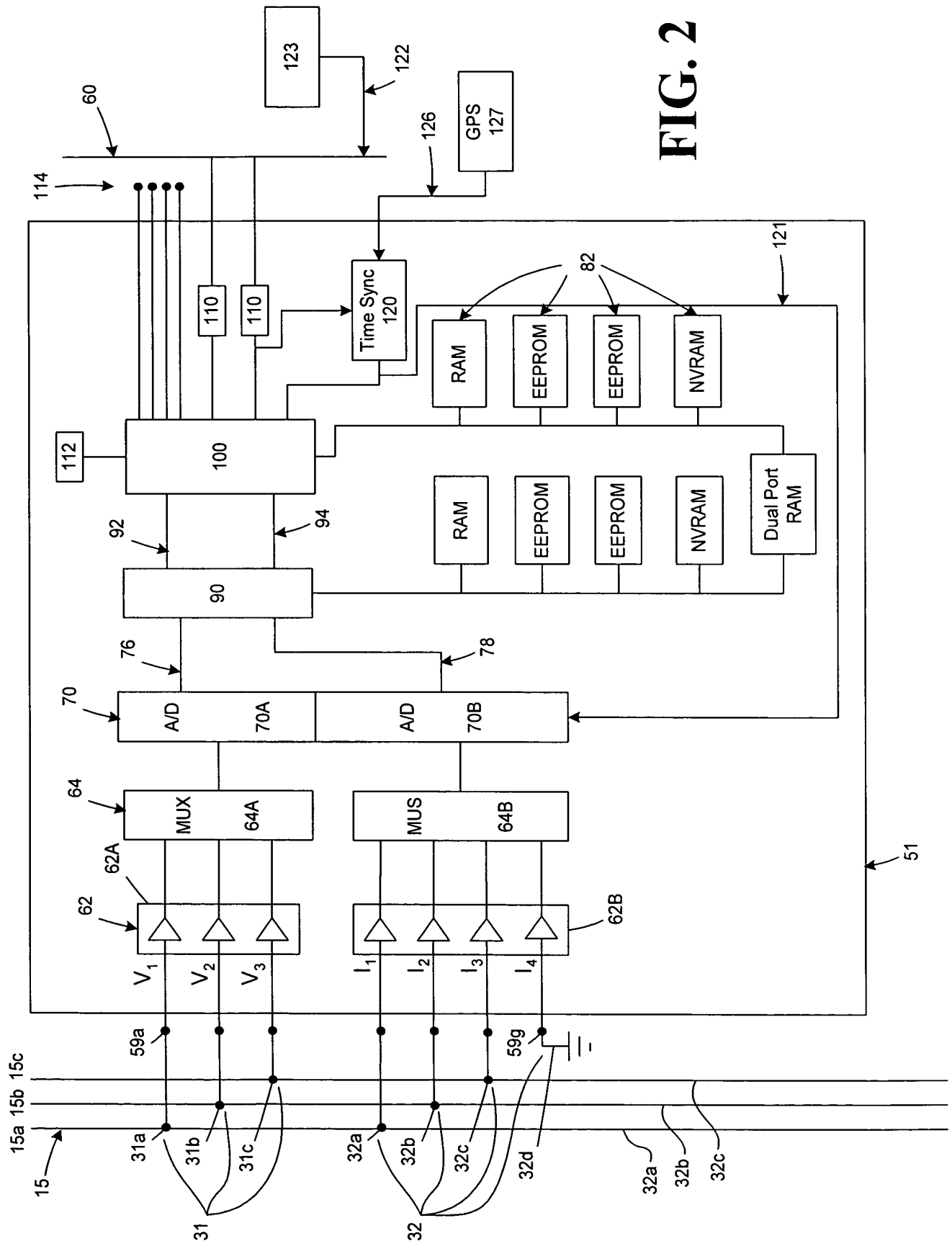


FIG. 1





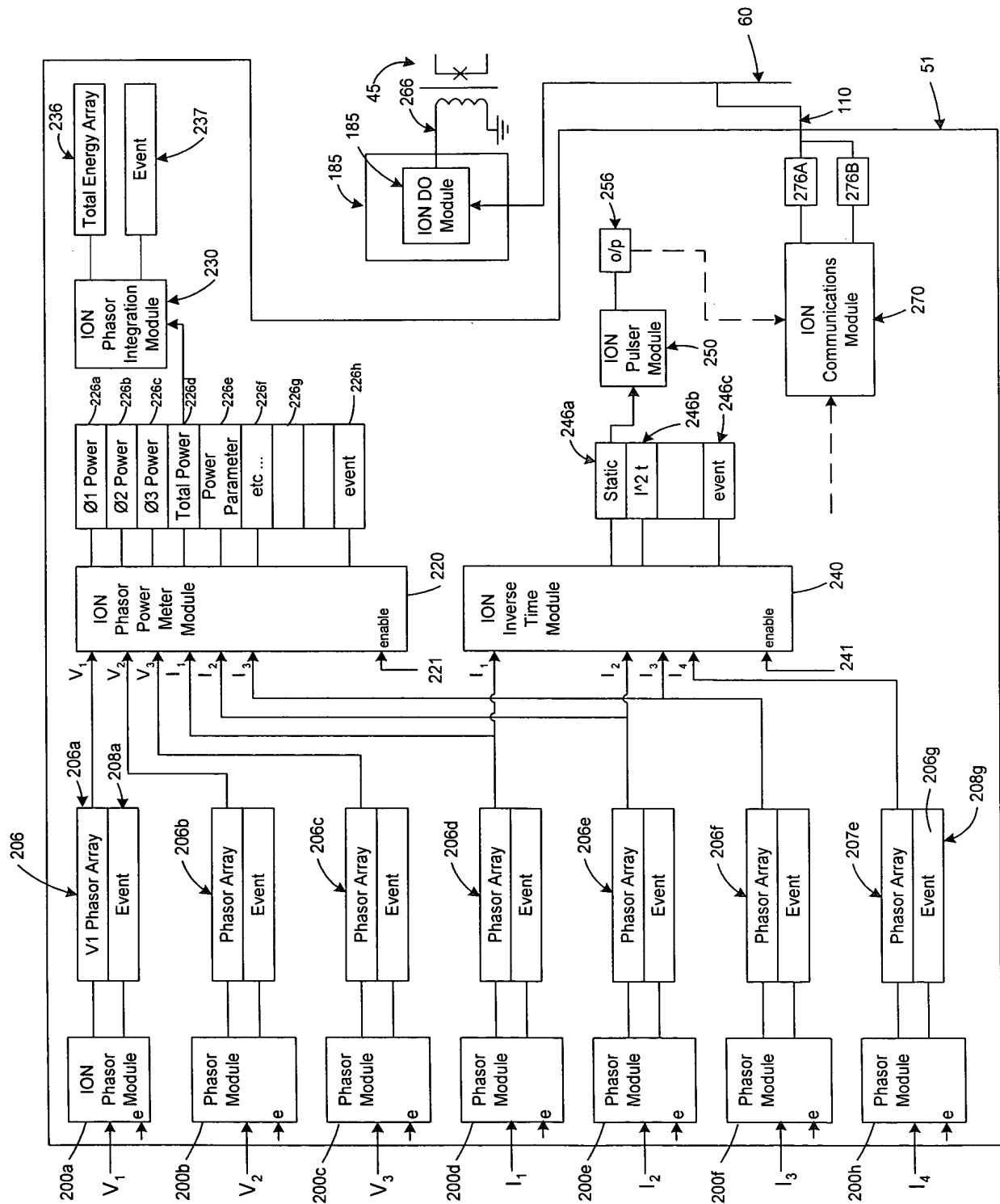
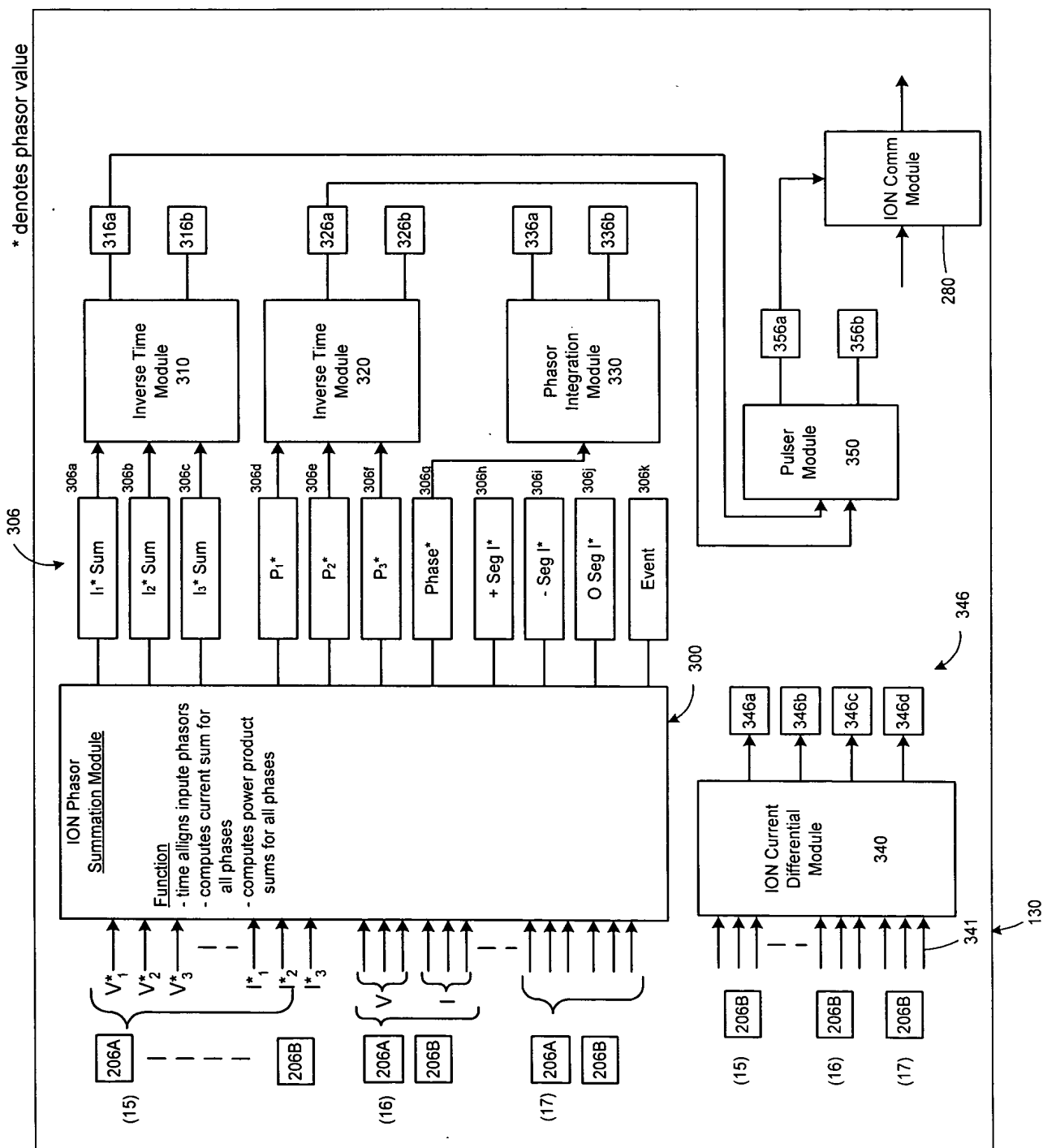


FIG. 3

Phasor ION Module Diagram



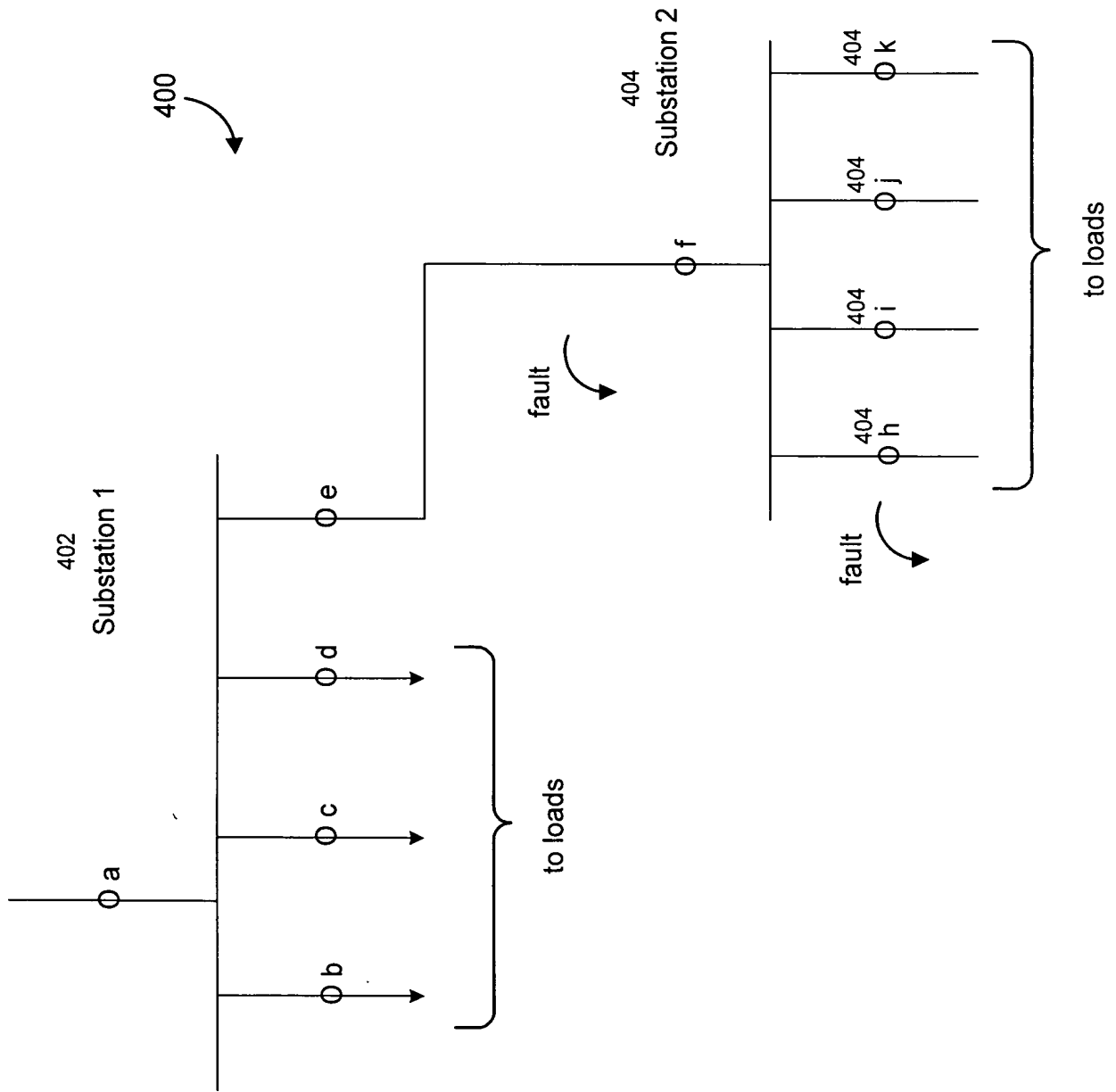


FIG. 5

FIG. 6

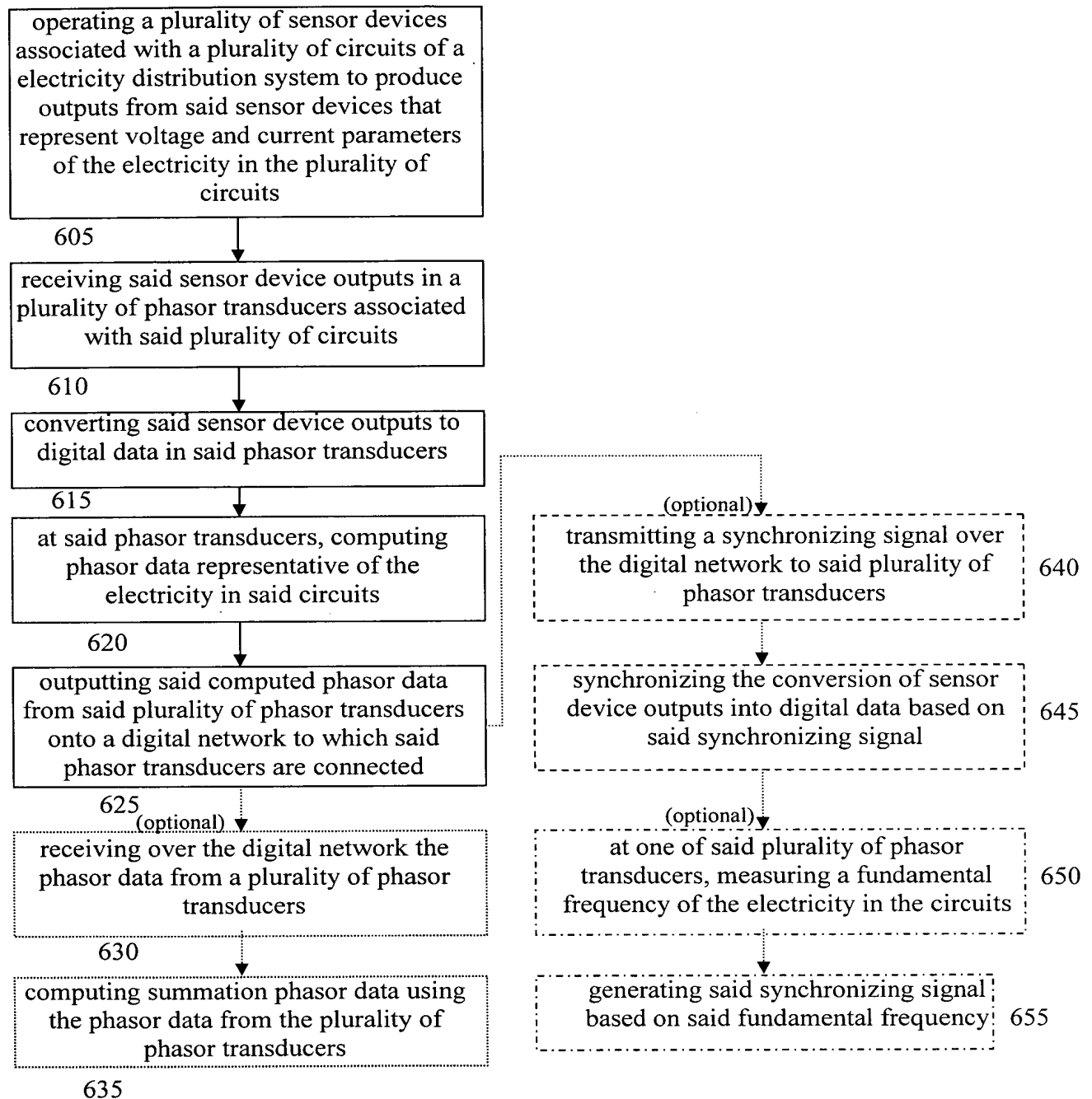


FIG. 7

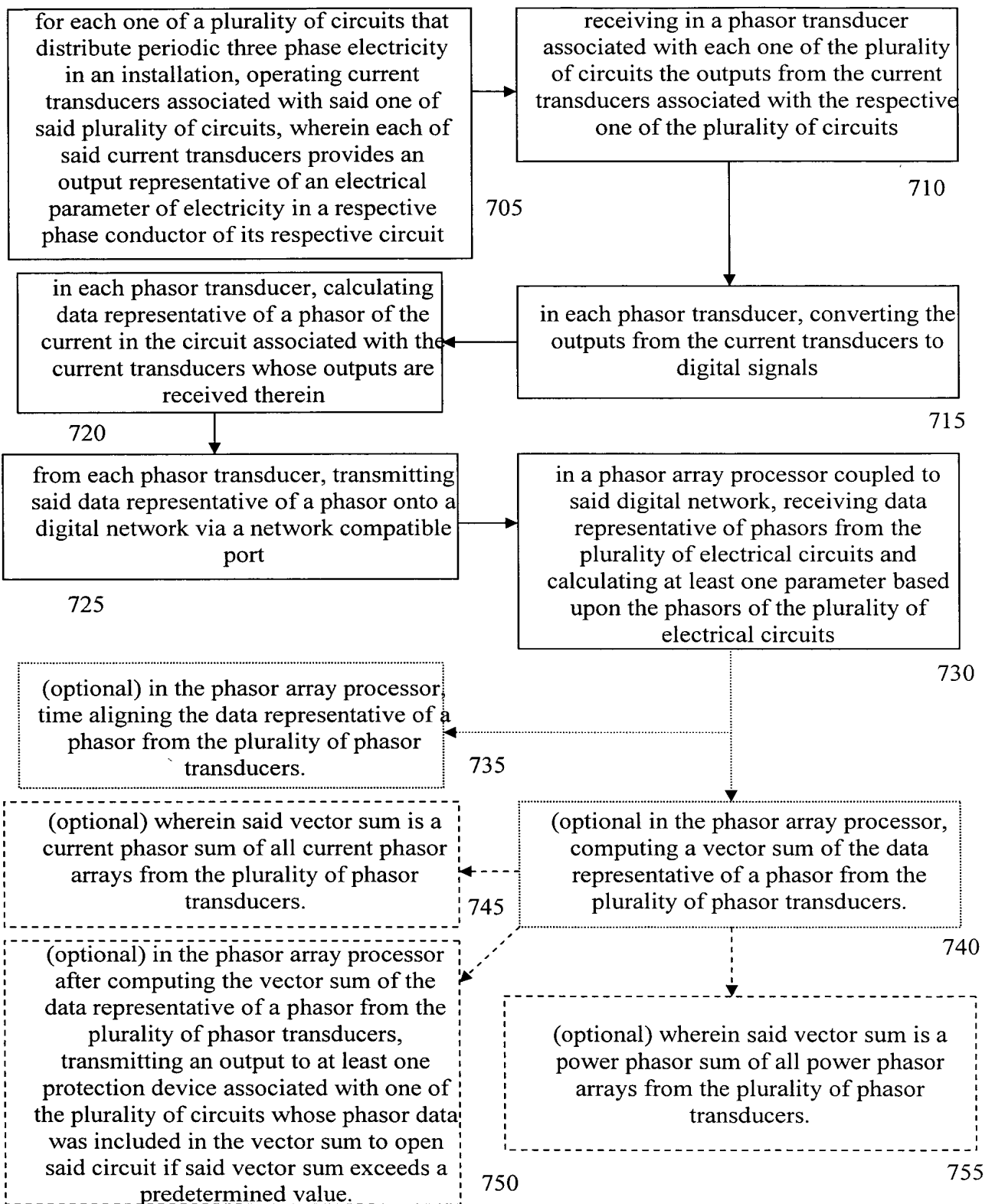


FIG. 8

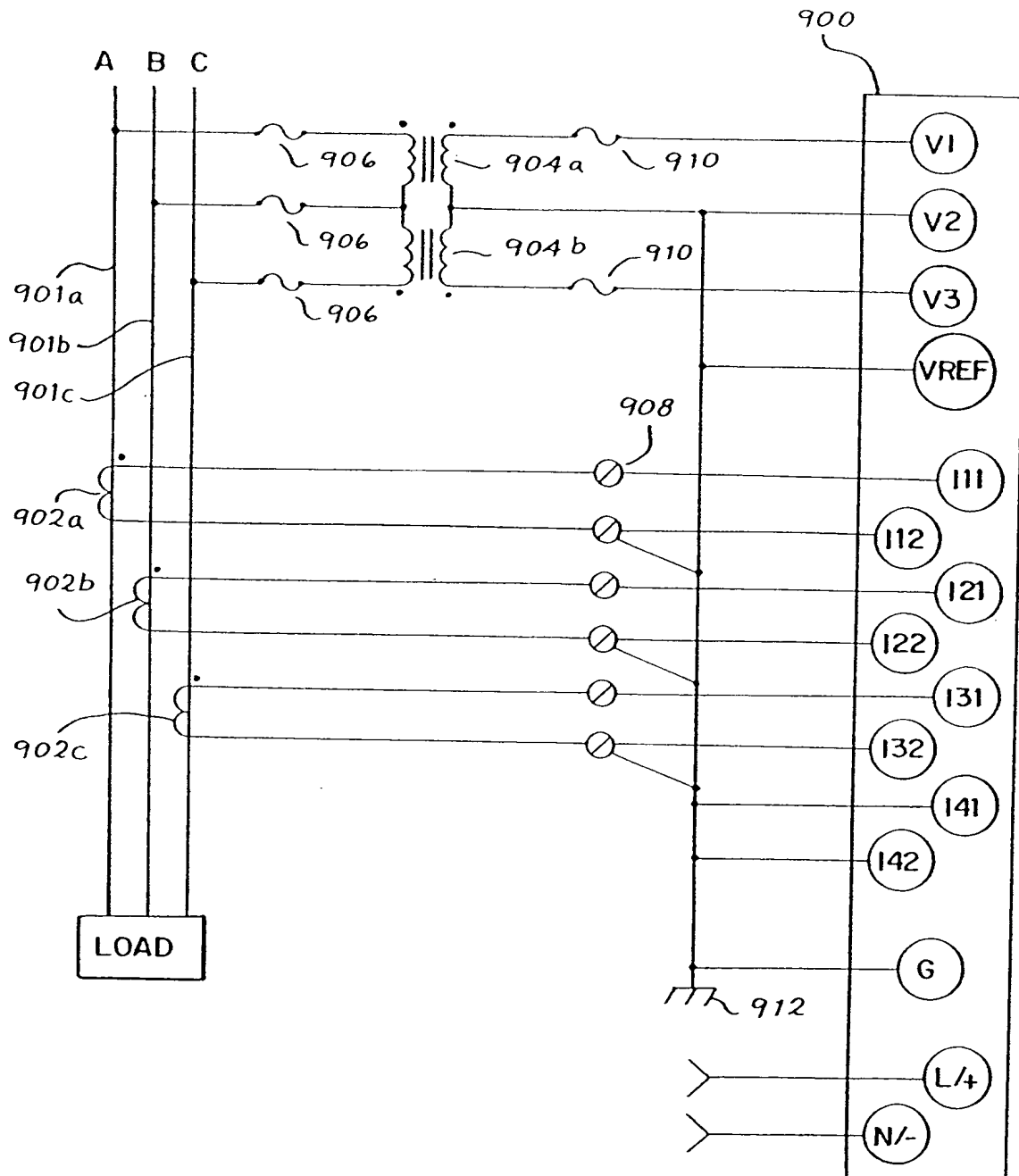


Diagram illustrating a hierarchical network structure 916. The structure is rooted at a VIED node, which connects to a PC node (915). This PC node (915) has three children: a D node (914), an M node, and another M node (920). The D node (914) has a vertical chain of IED nodes (804, 806, and 900). The first M node has two children, both M nodes, each with a vertical chain of IED nodes. The second M node (920) has a vertical chain of IED nodes. The PC node (915) is connected to another D node, which is connected to another PC node, which is connected to three more D nodes, each with a vertical chain of IED nodes.

DATA ACQUISITION MODULE 952

V1 SAMPLES (NA REG)

V2 SAMPLES (NA REG)

V3 SAMPLES (NA REG)

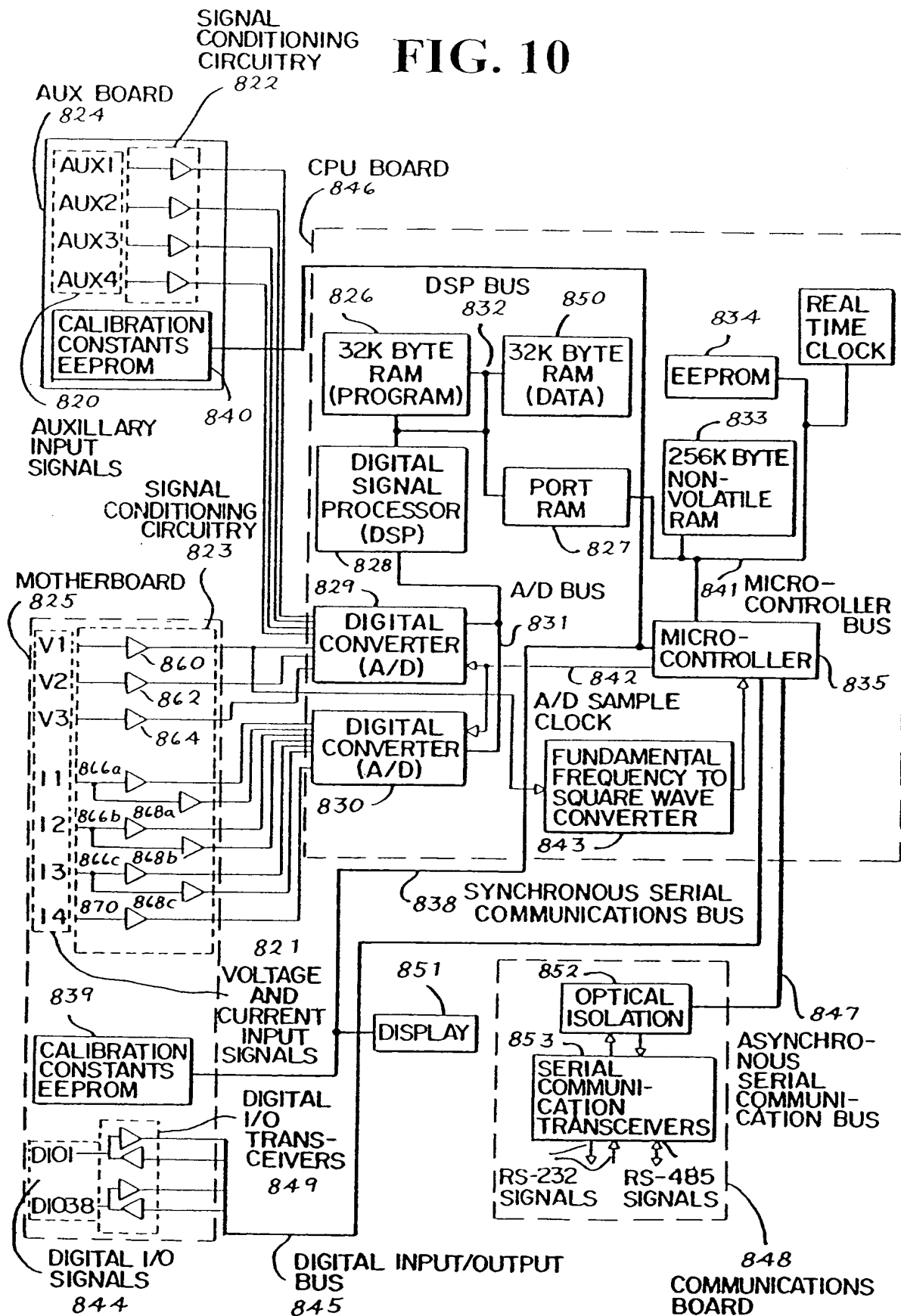
I1 SAMPLES (NA REG)

I2 SAMPLES (NA REG)

I3 SAMPLES (NA REG)

I4 SAMPLES (NA REG)

FIG. 10



11 06 2007

DATA ACQUISITION
MODULE
OPERATION (CLIENT
PORTION)

FIG. 11A

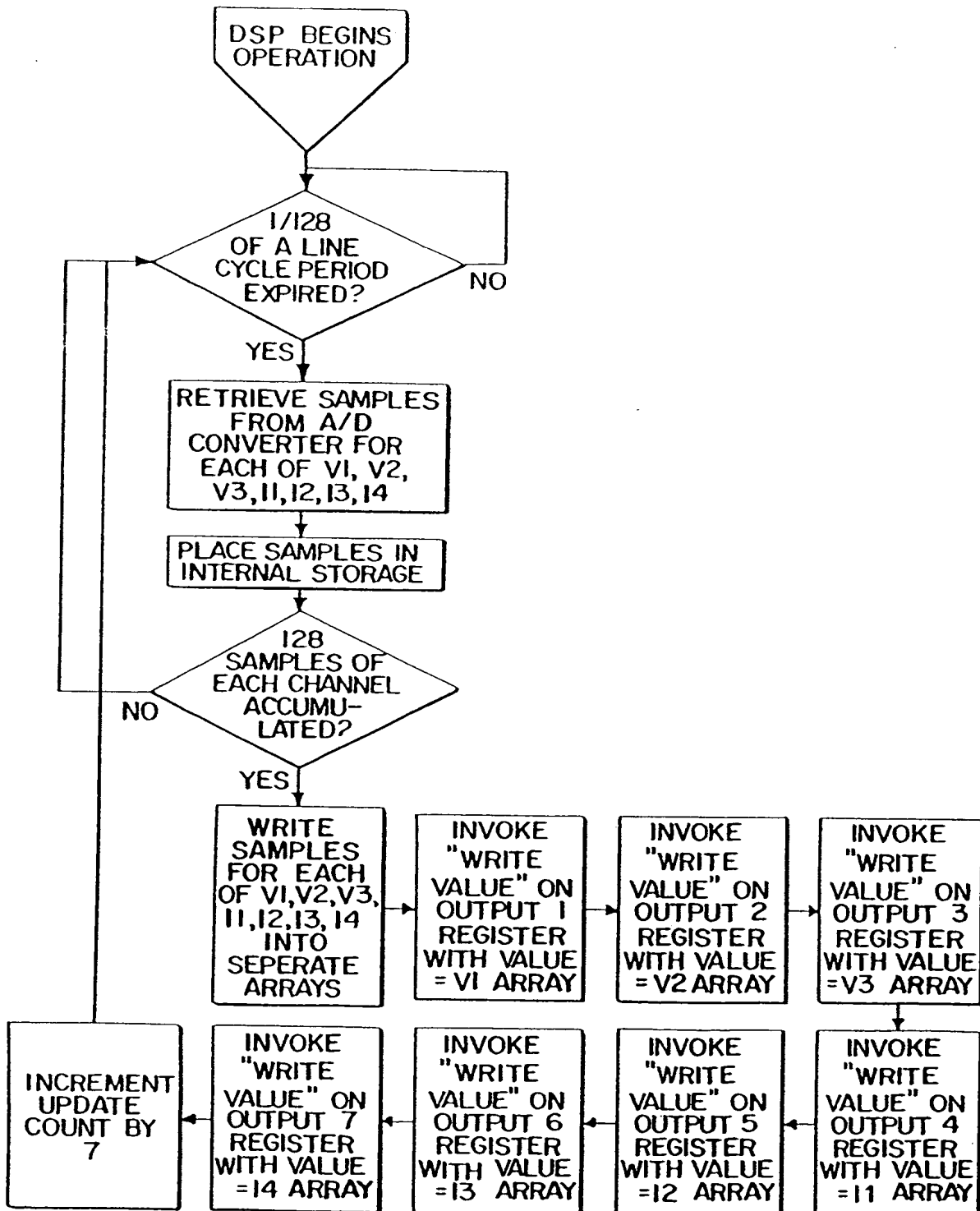
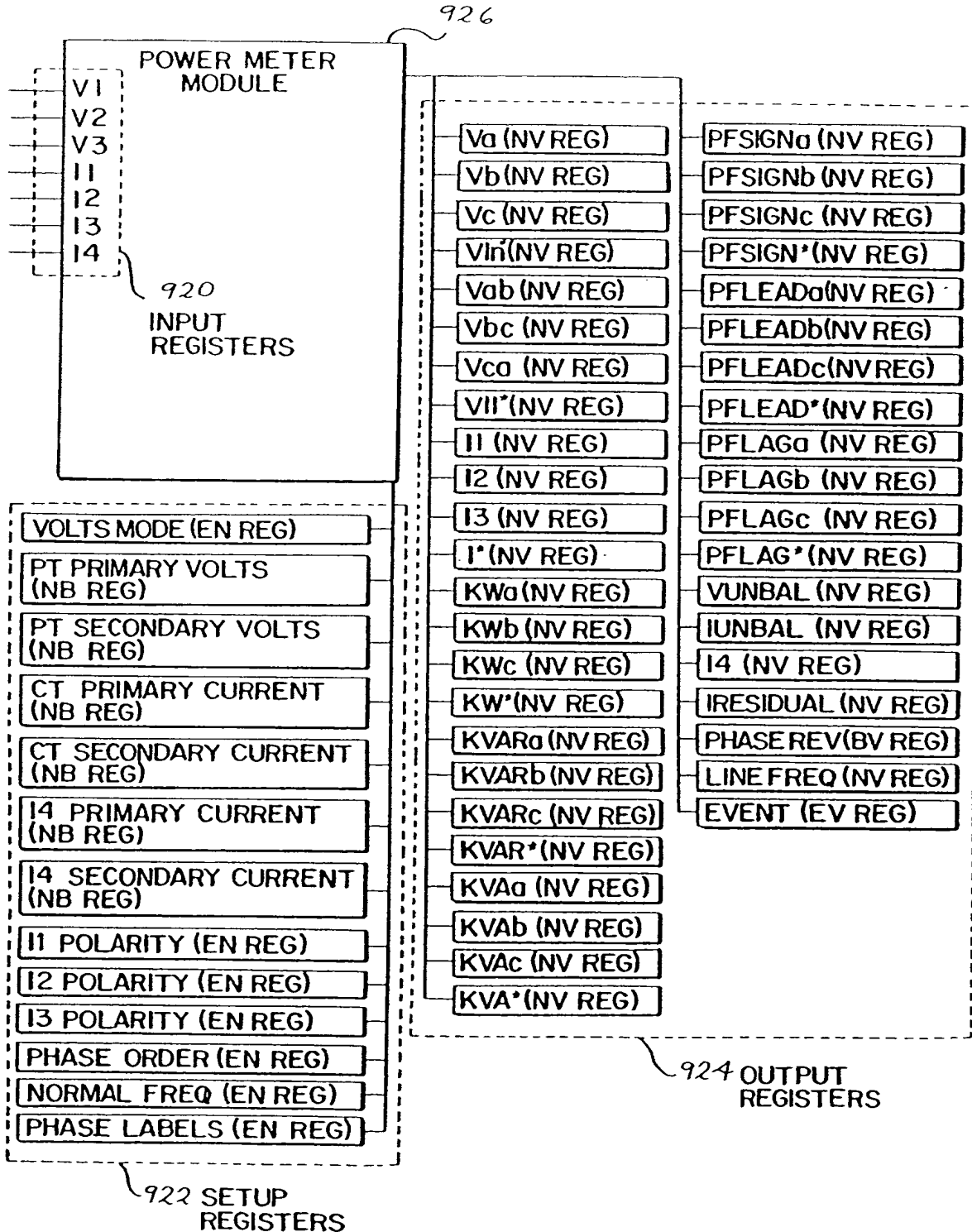
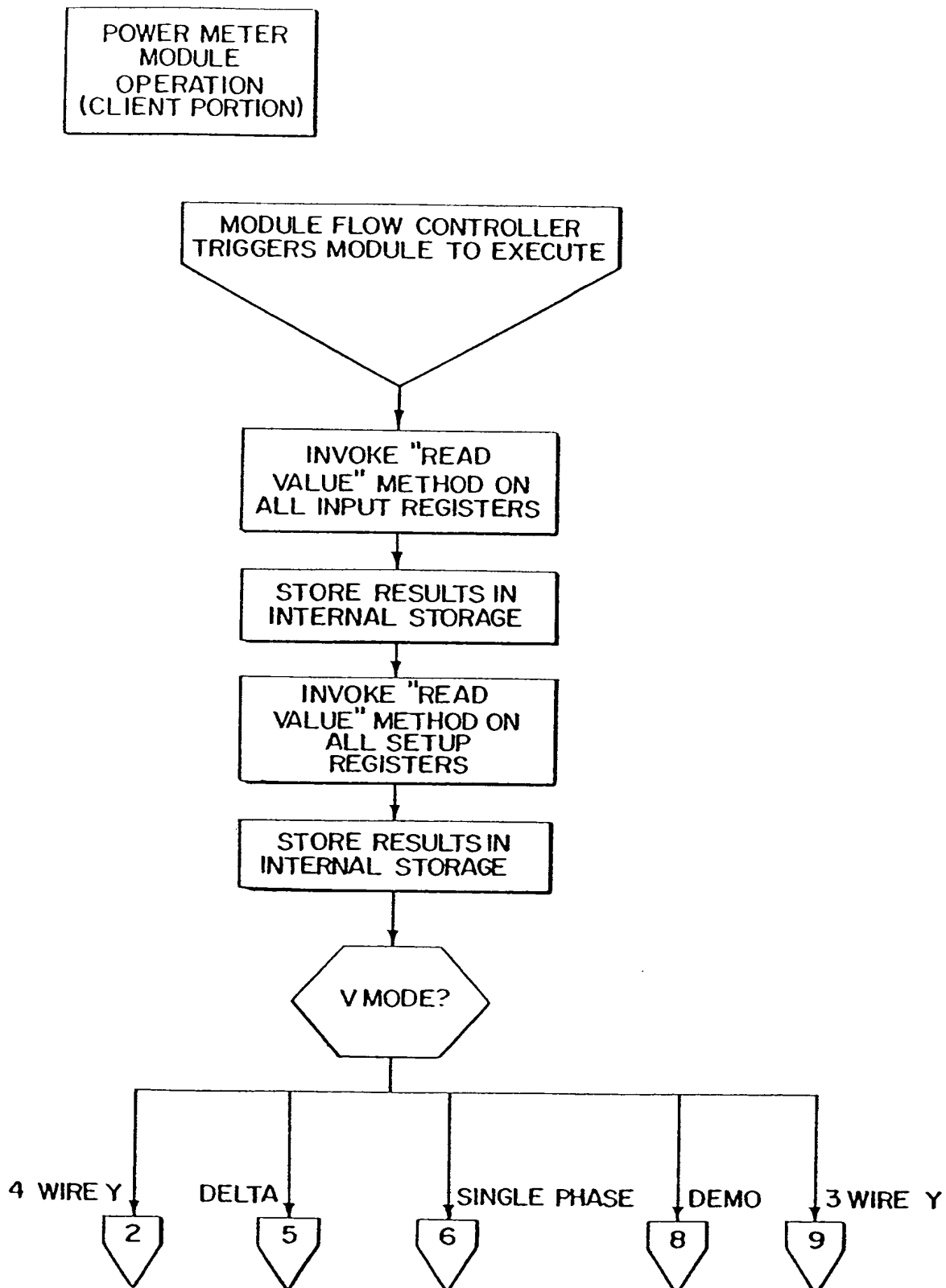


FIG. 12



13 8 2007

FIG. 12A



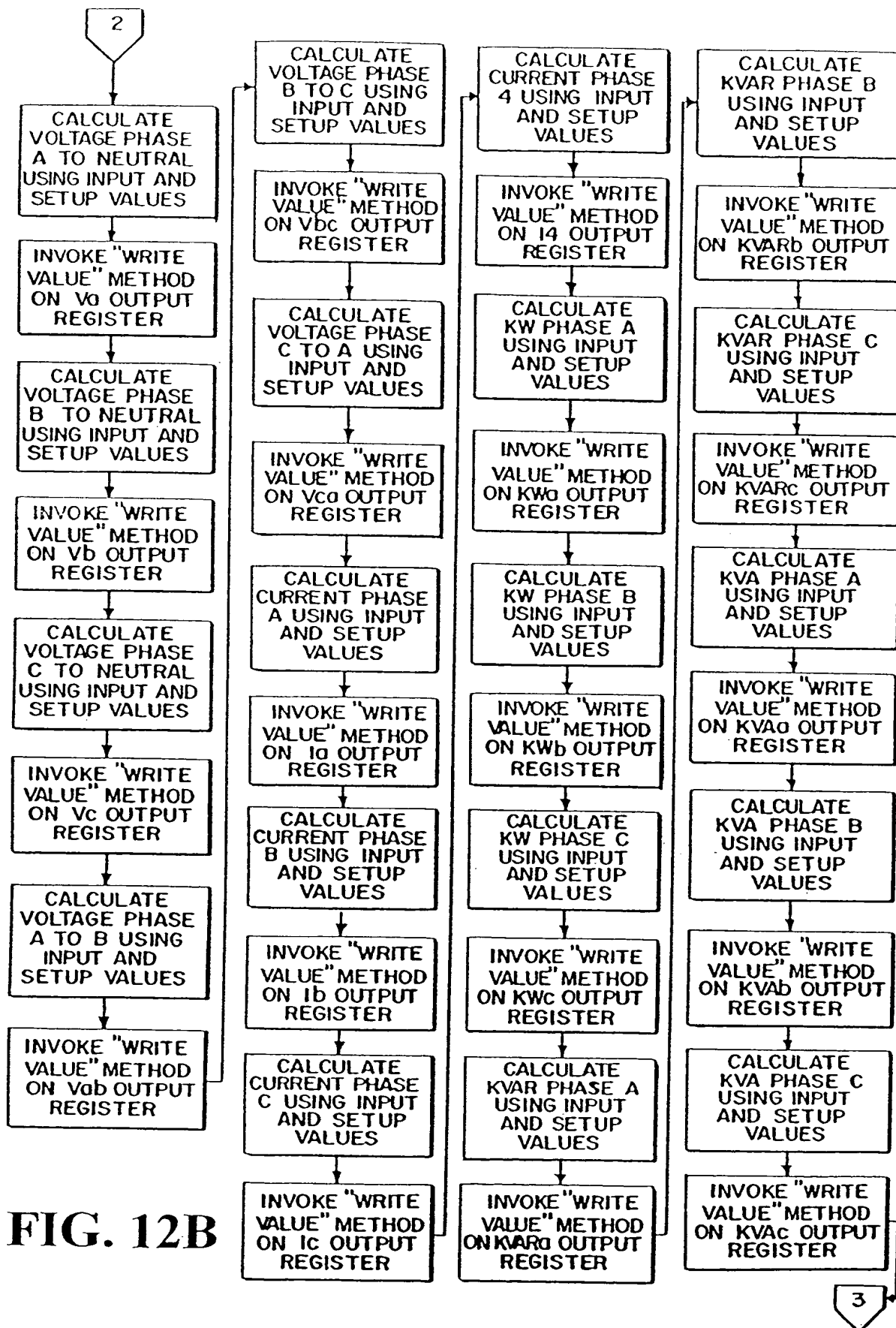


FIG. 12C

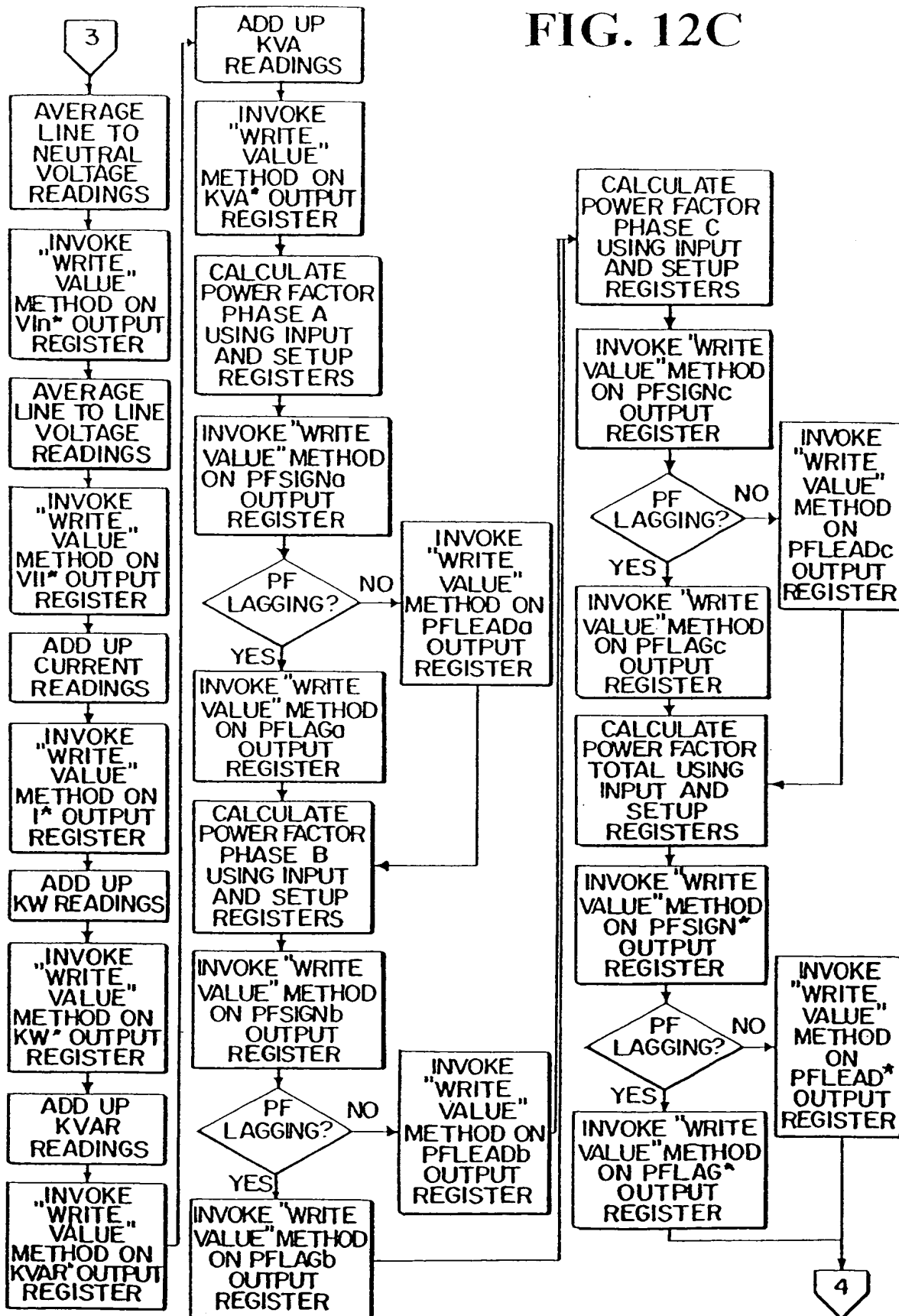


FIG. 12D

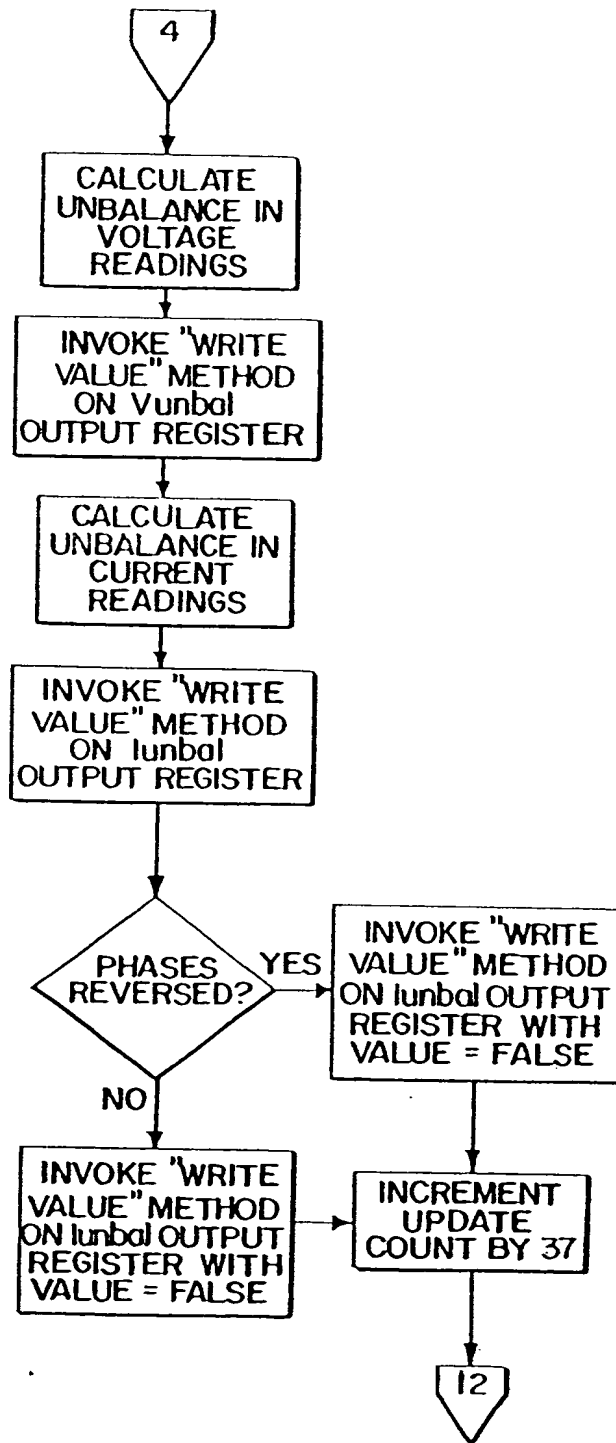


FIG. 12H

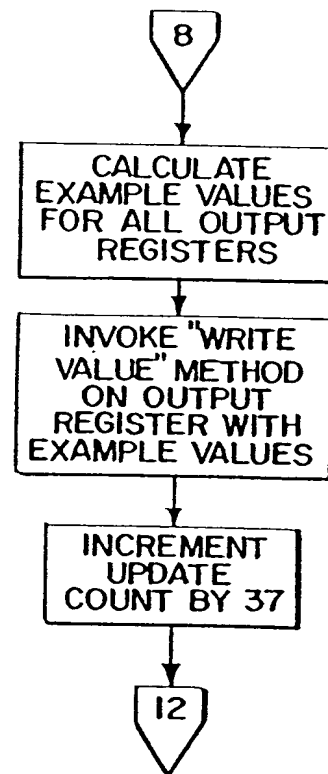


FIG. 12E

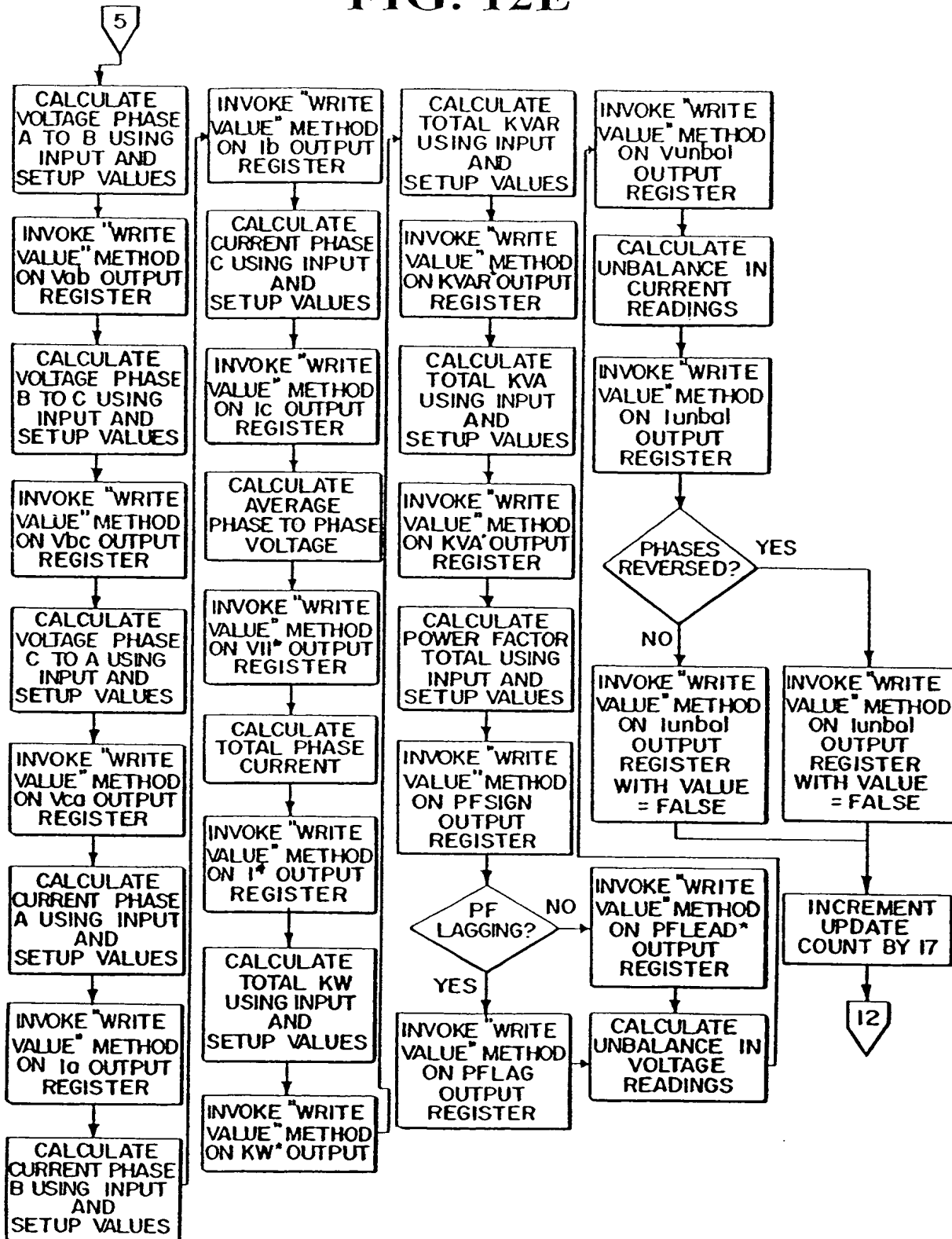


FIG. 12F

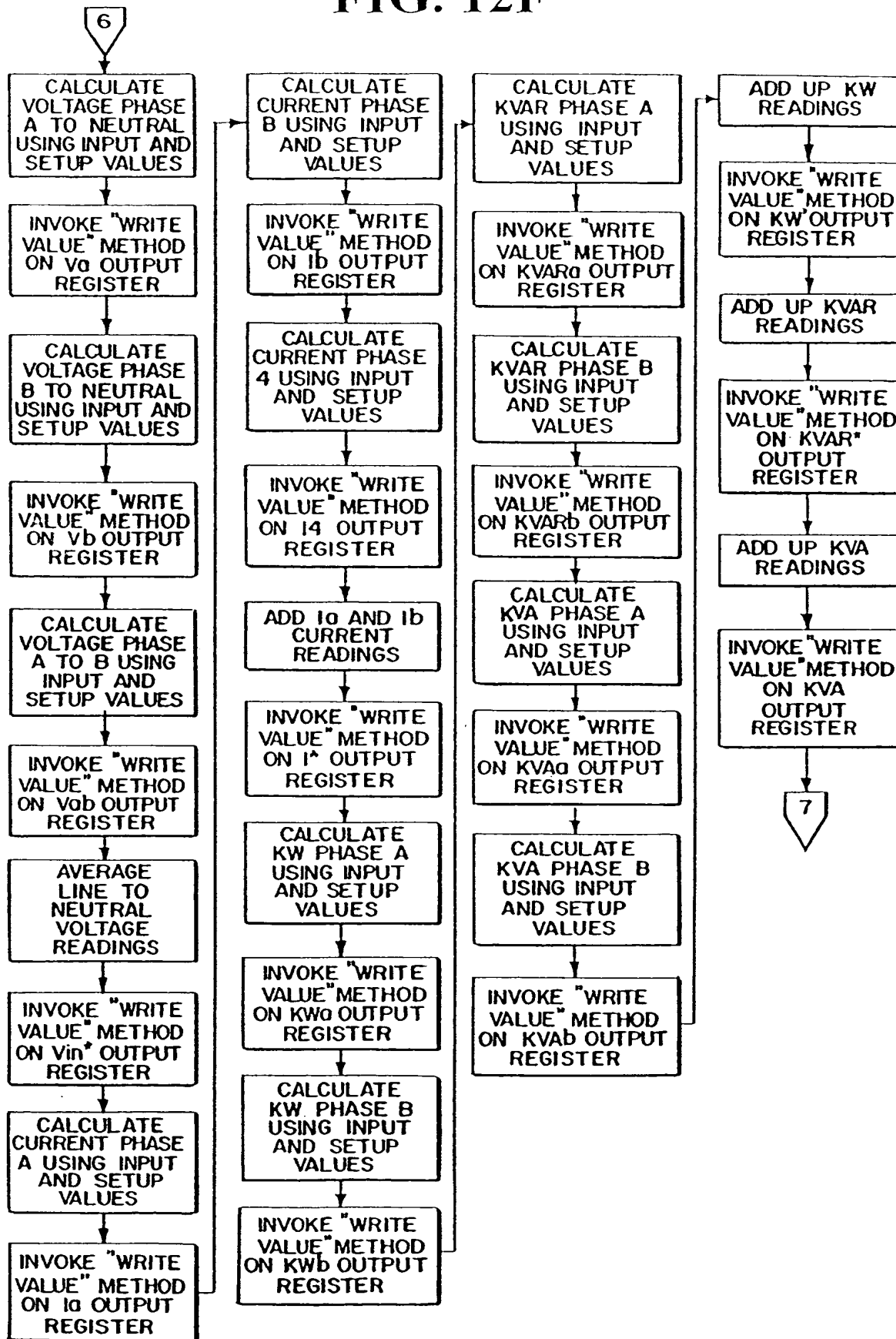
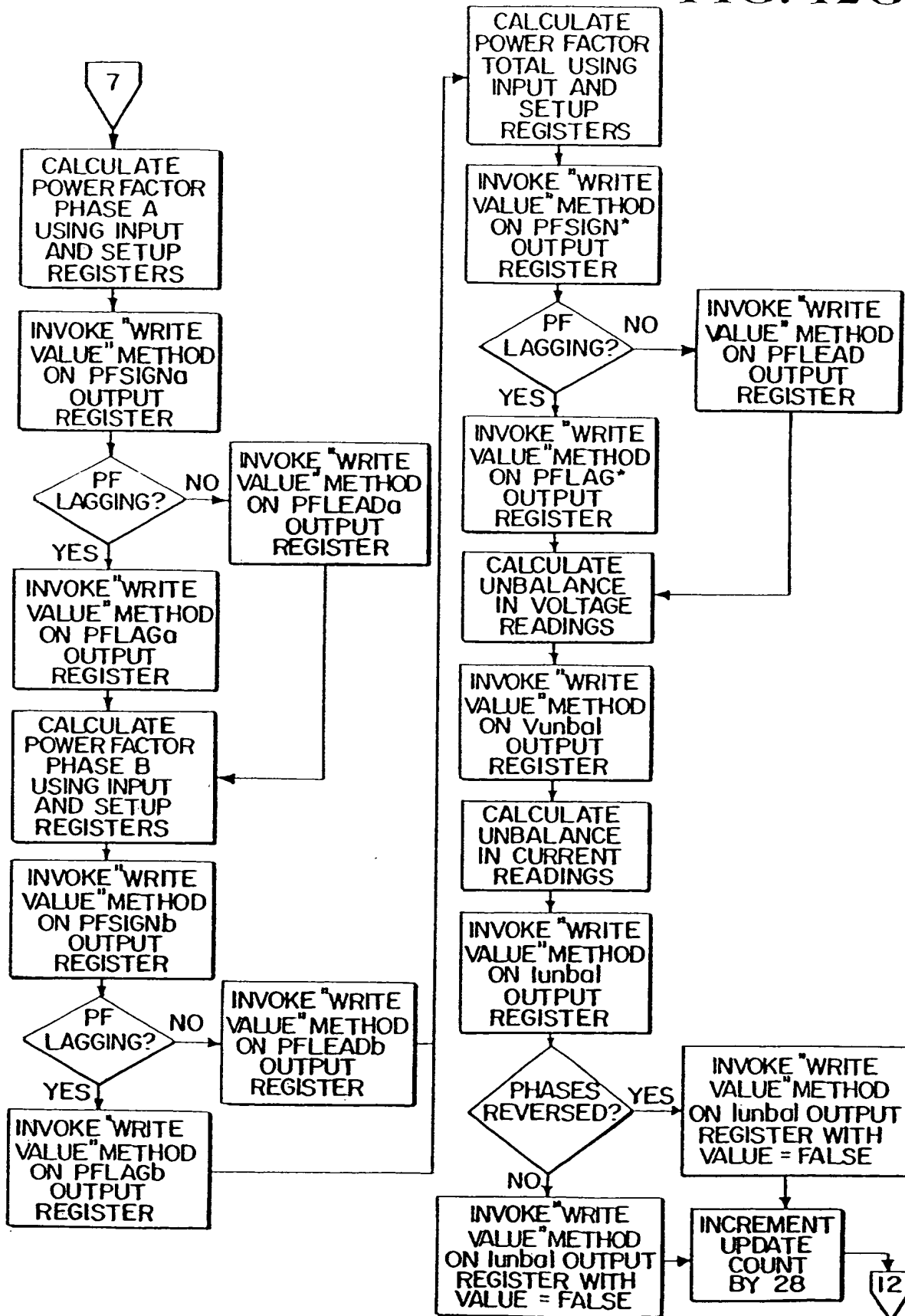


FIG. 12G



20 8267

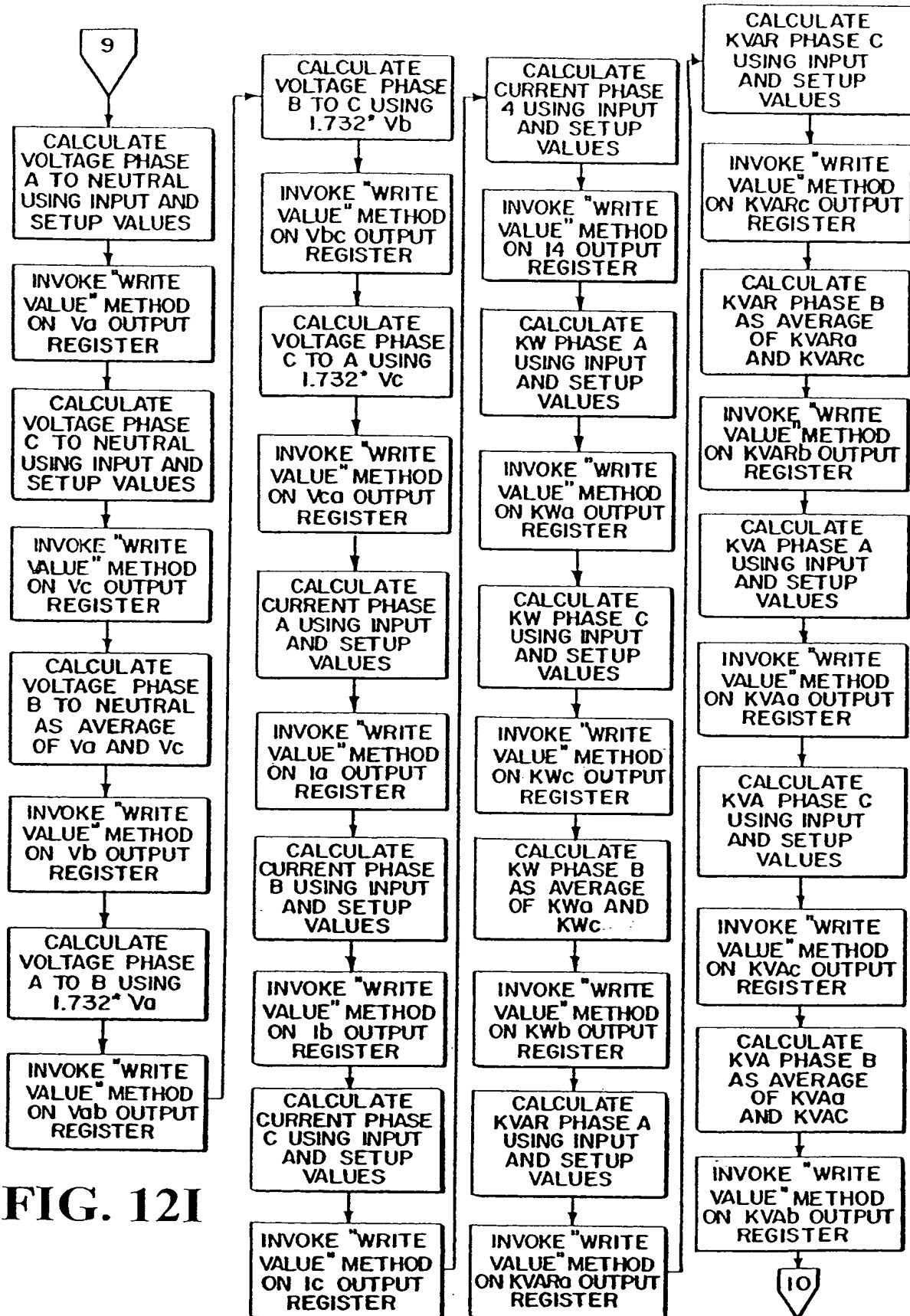


FIG. 121

FIG. 12J

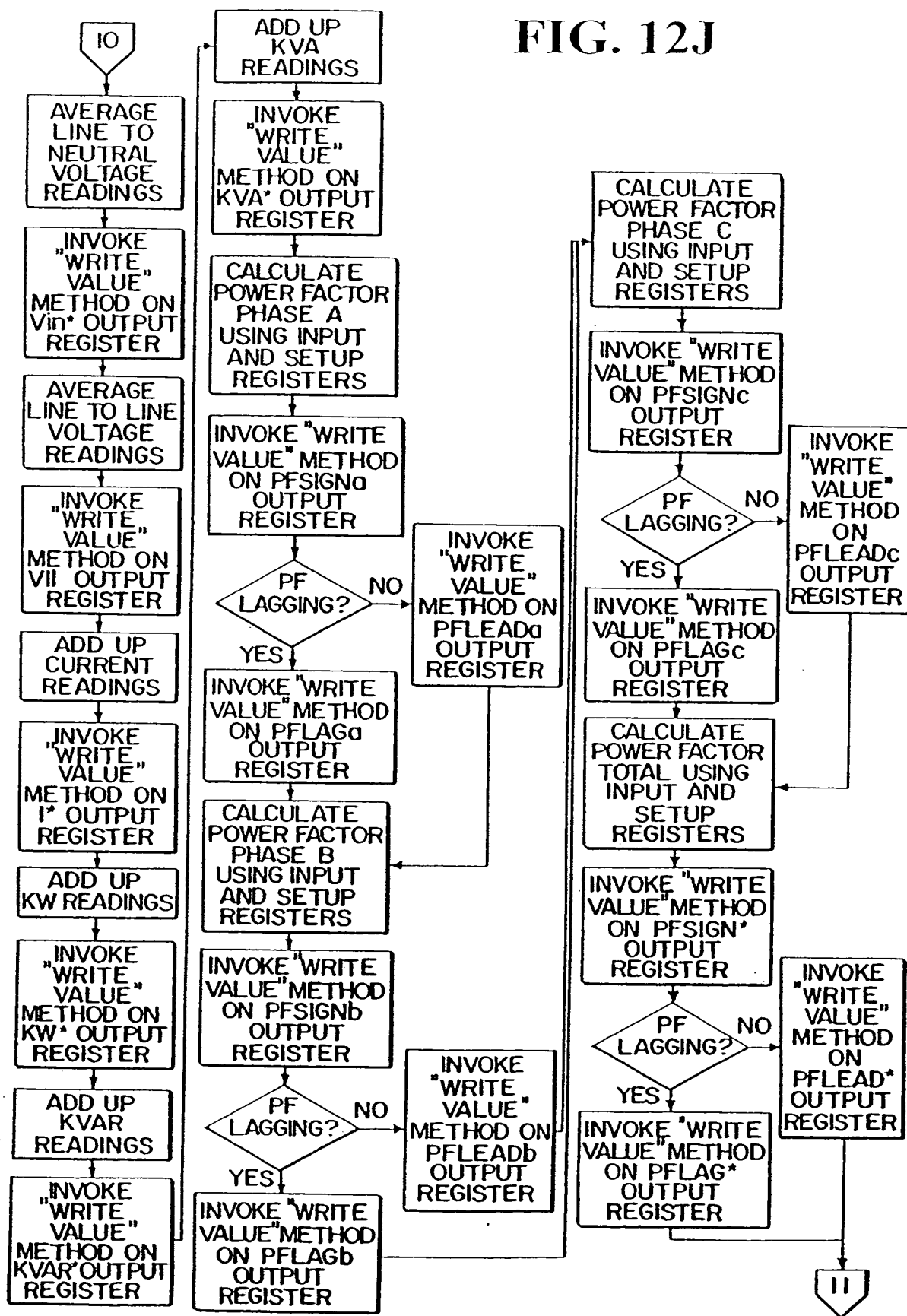


FIG. 12K

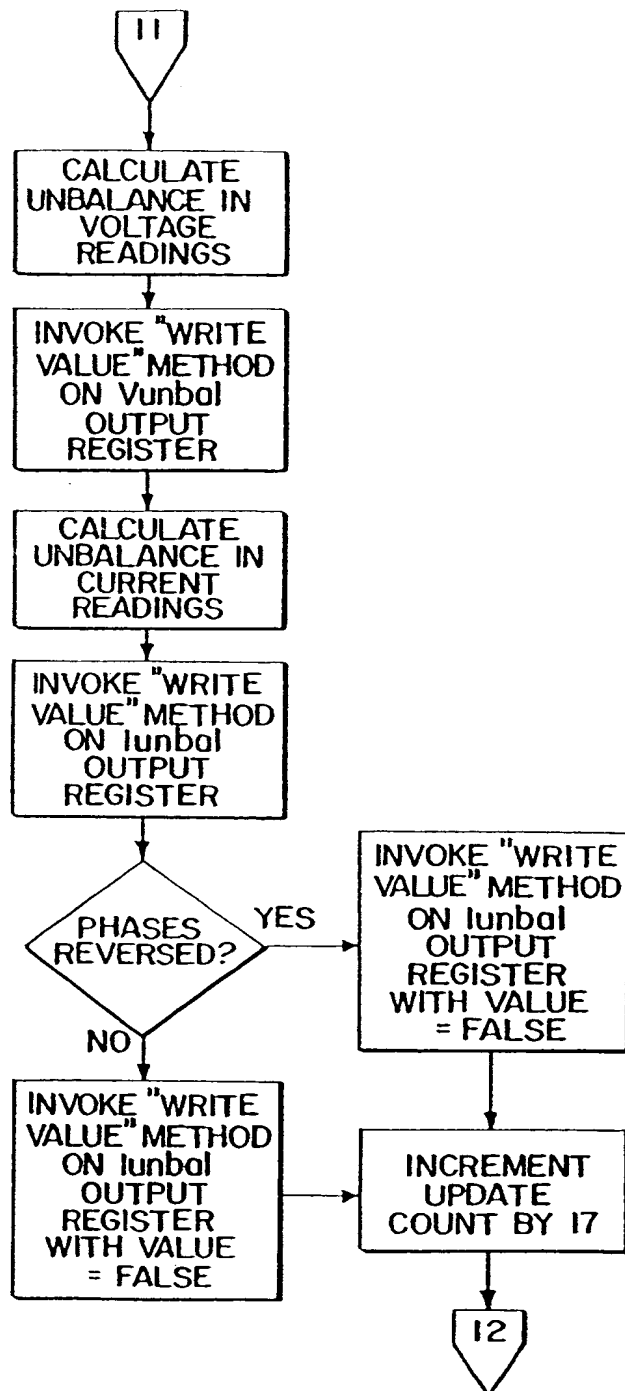


FIG. 12L

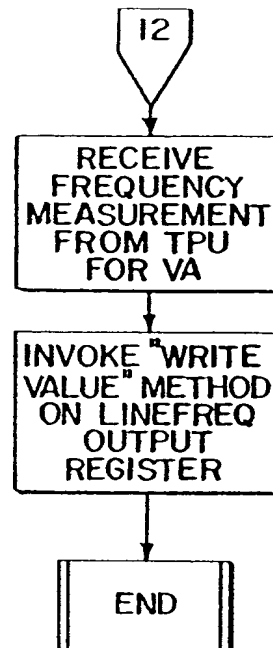


FIG. 13

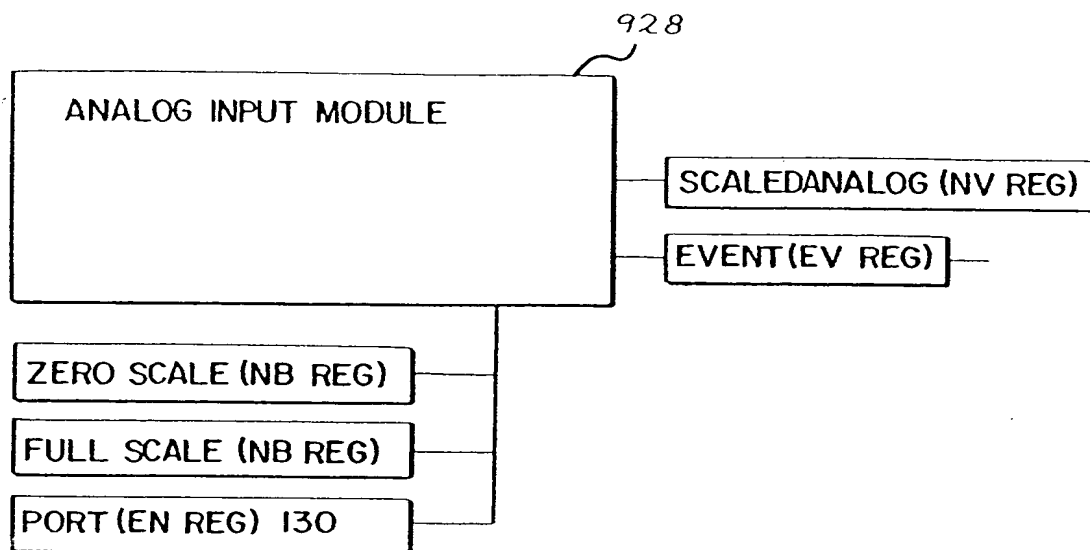


FIG. 14

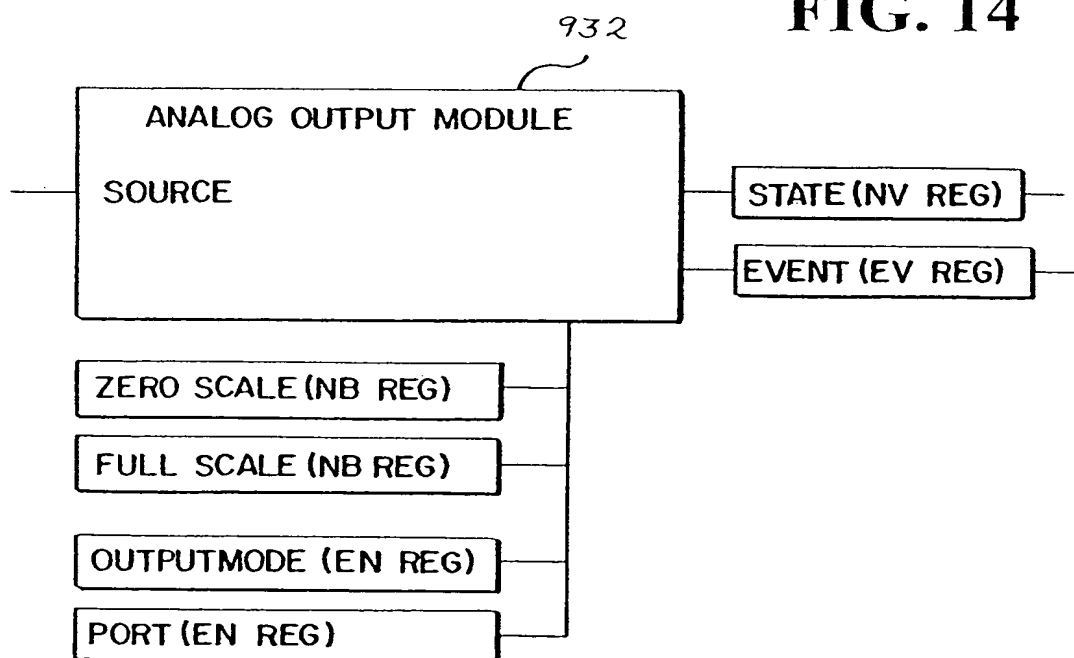
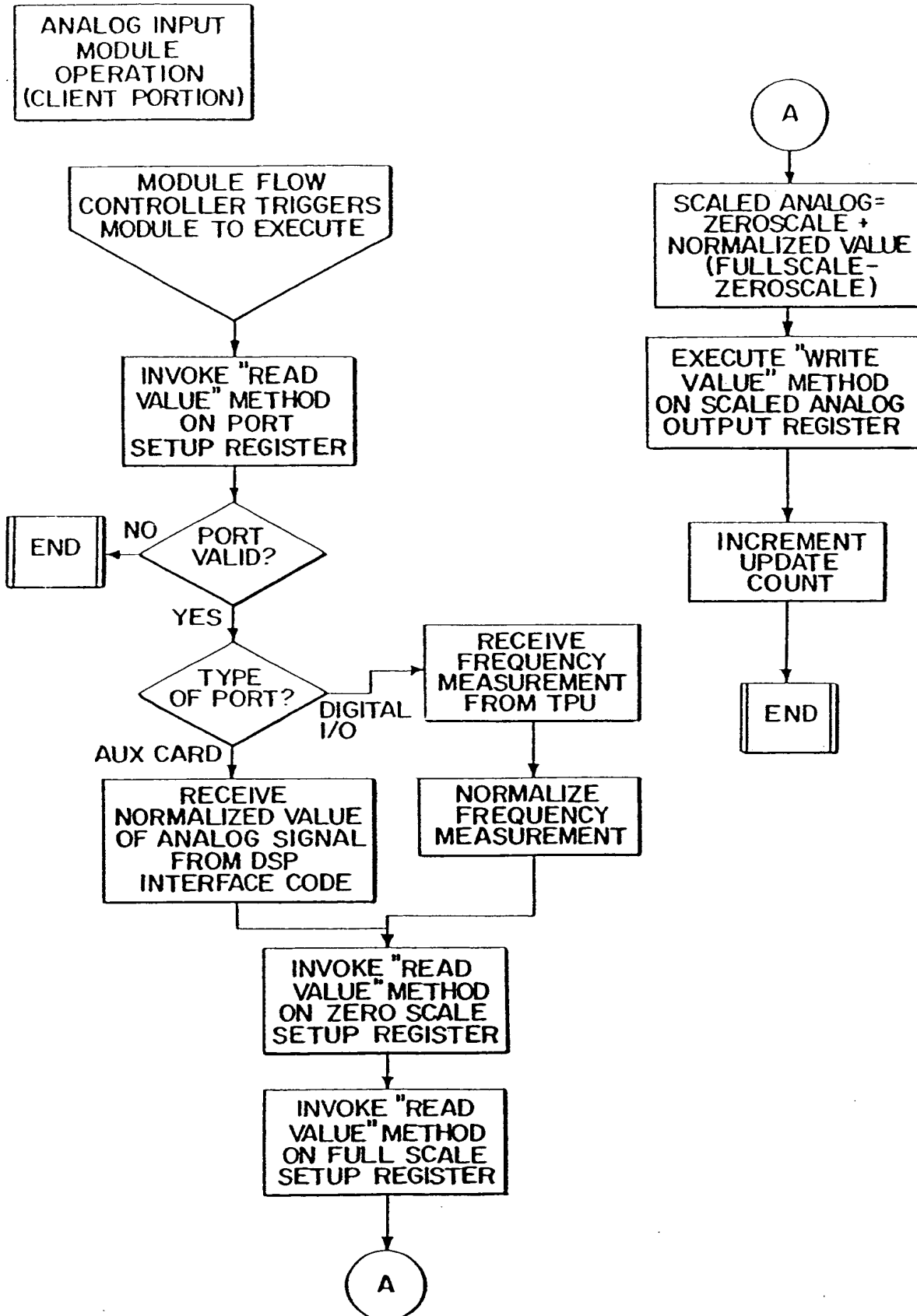
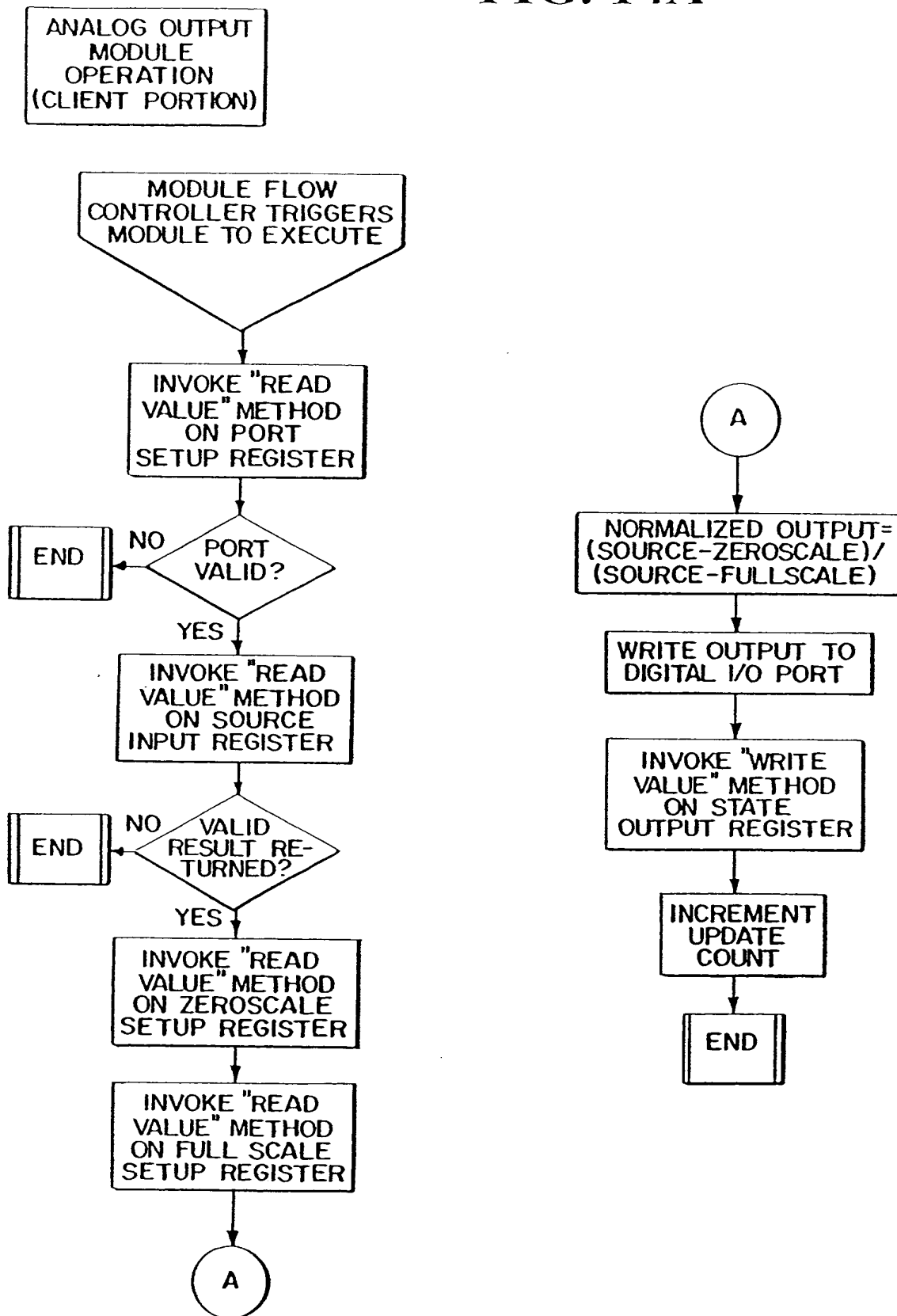


FIG. 13A



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FIG. 14A



26 58 207

FIG. 15

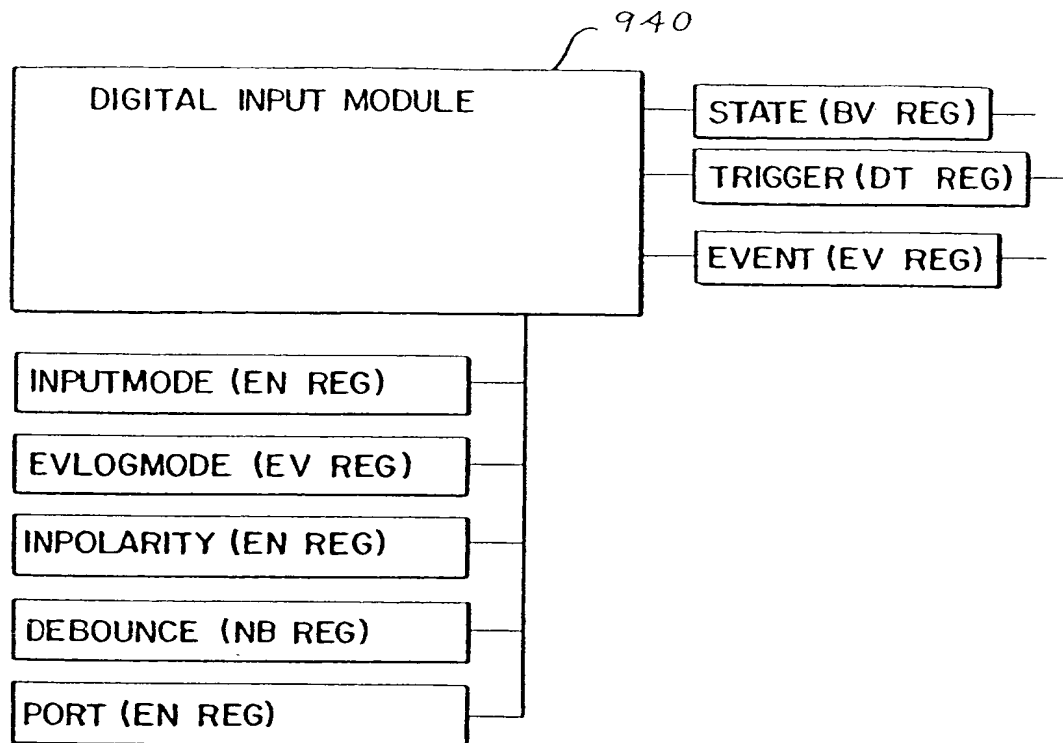


FIG. 16

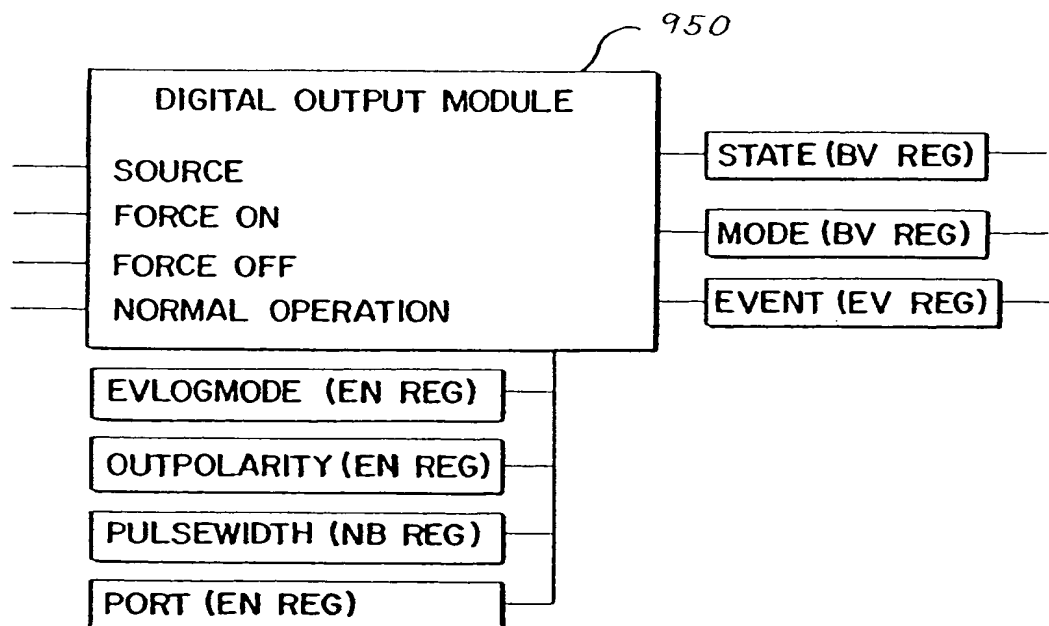


FIG. 15A

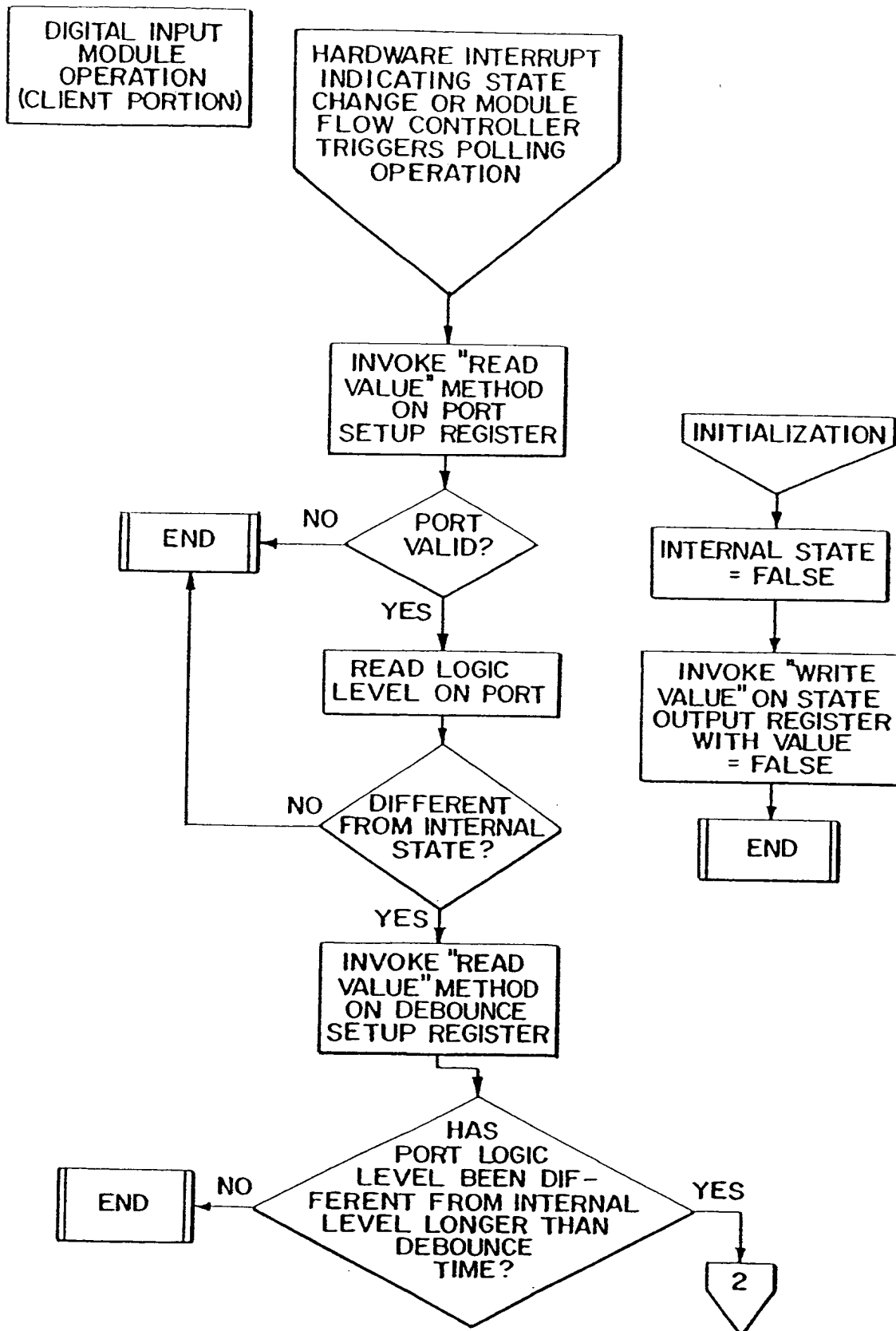


FIG. 15B

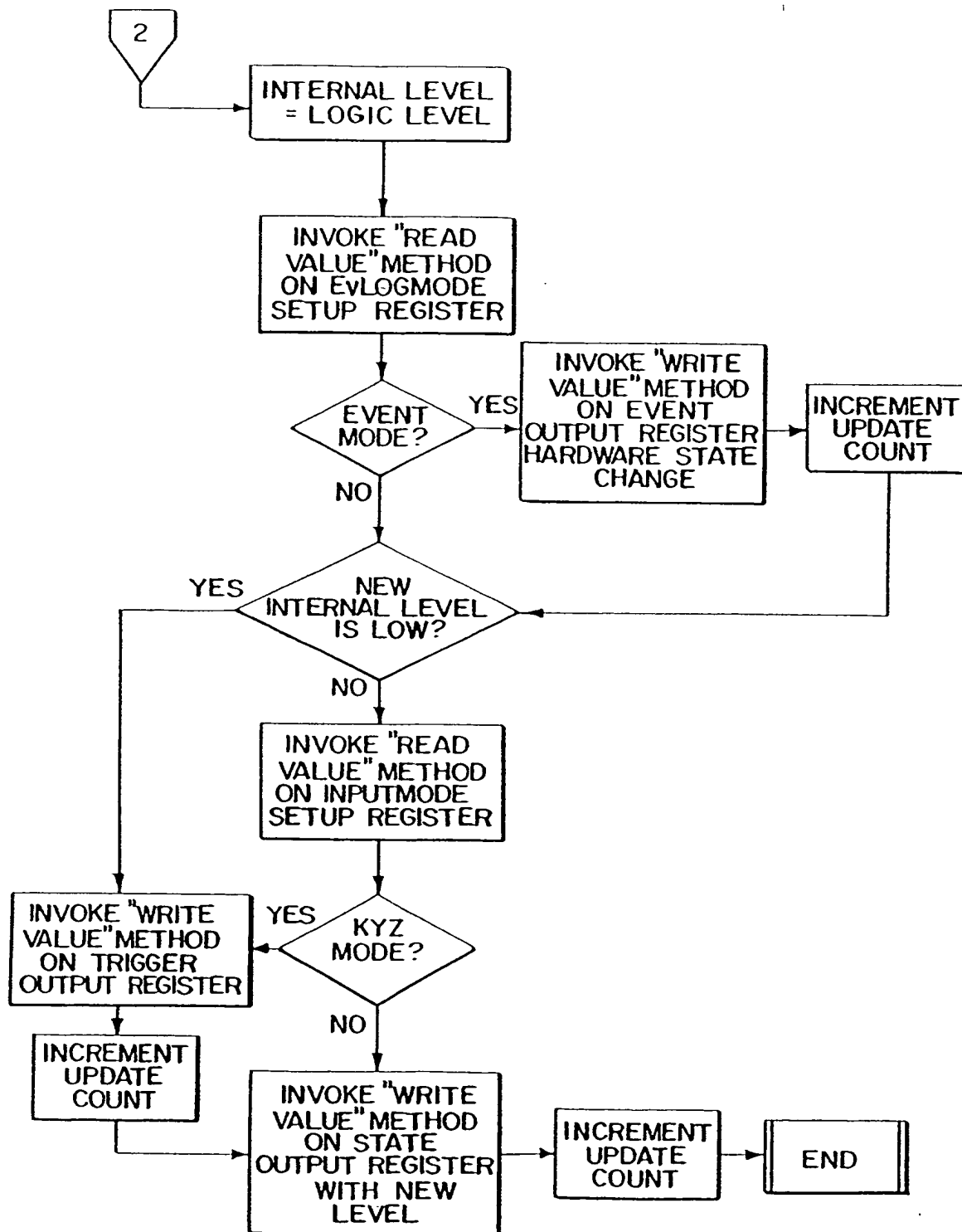


FIG. 16A

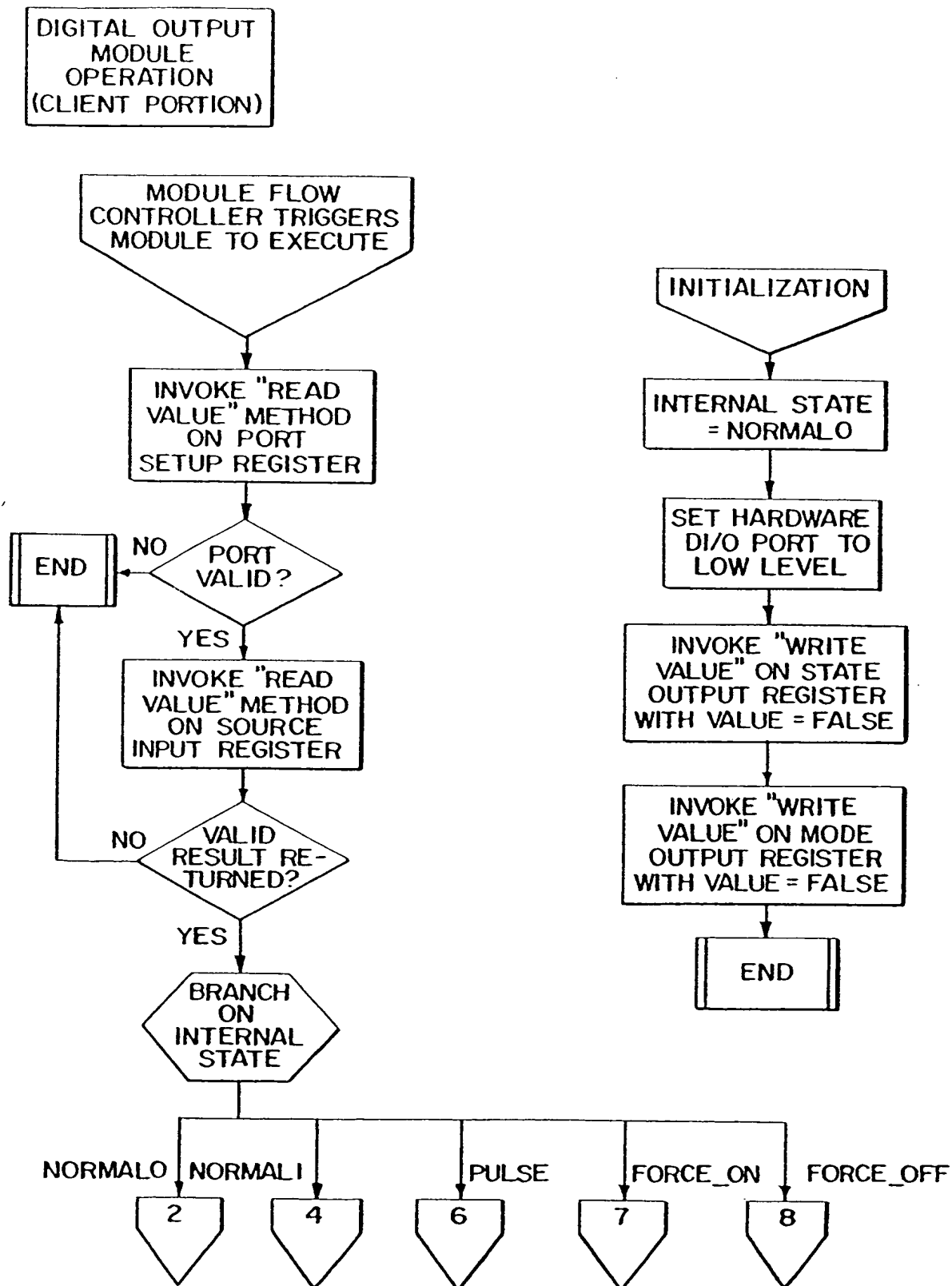


FIG. 16B

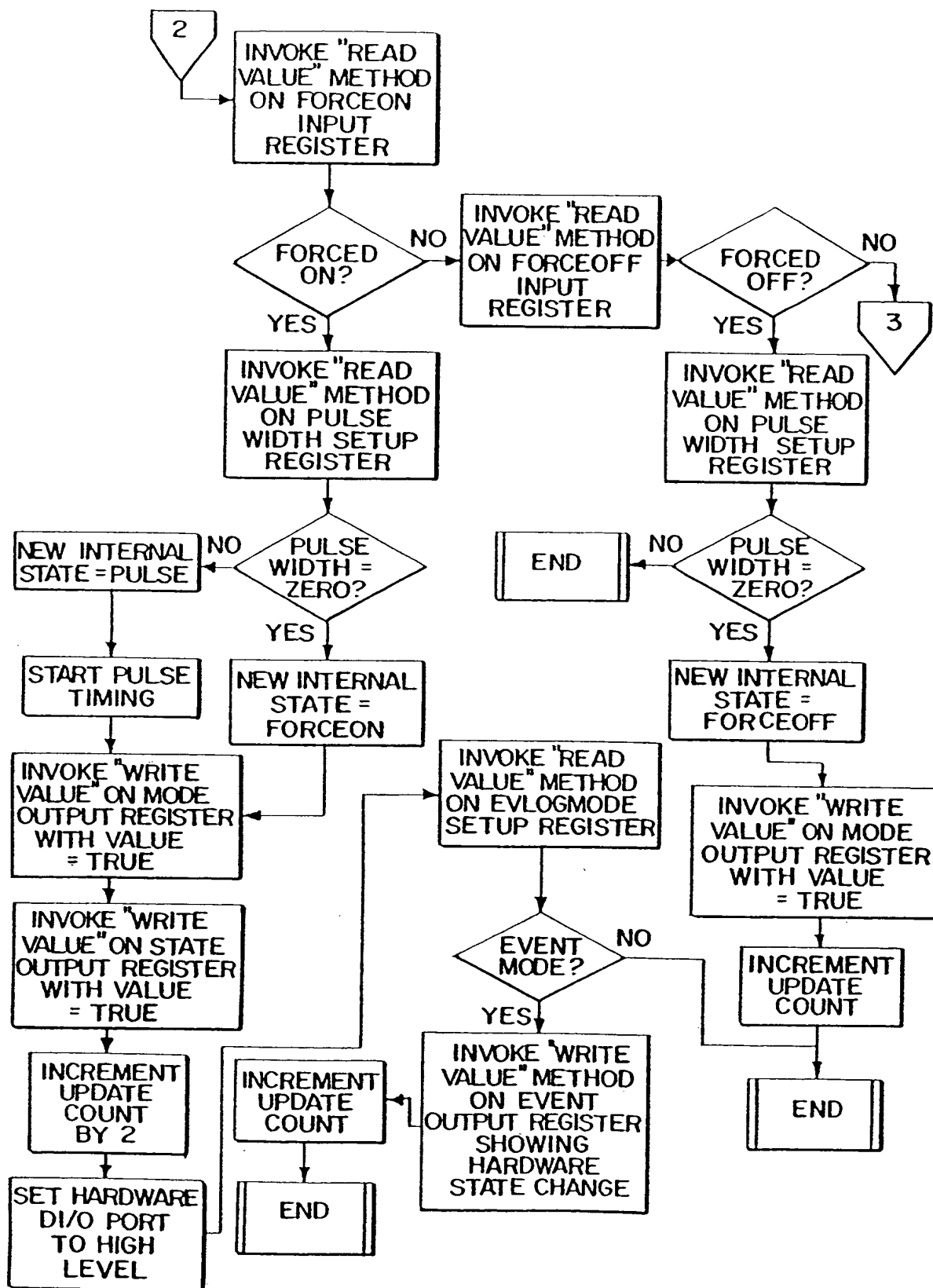


FIG. 16C

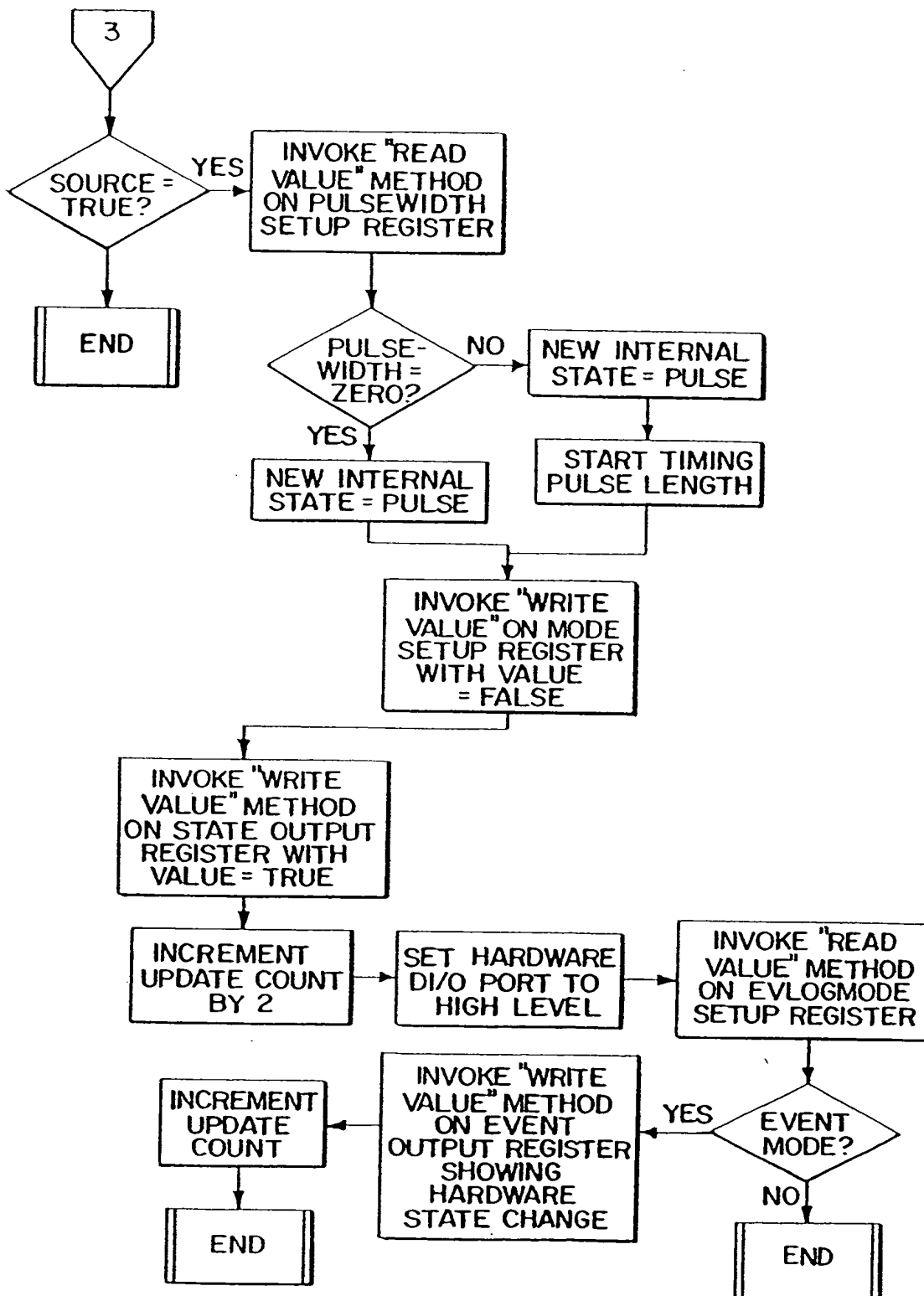


FIG. 16D

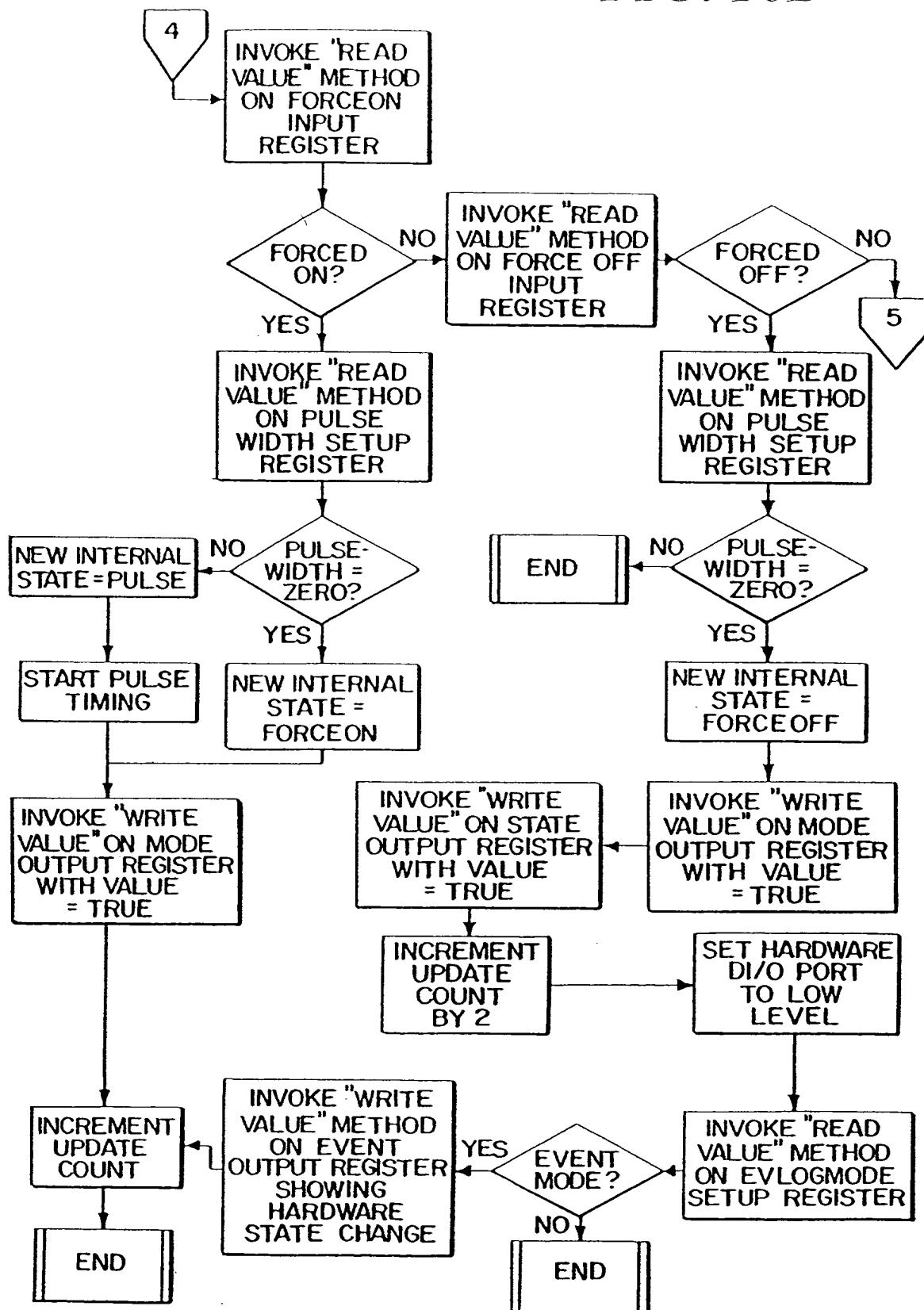


FIG. 16E

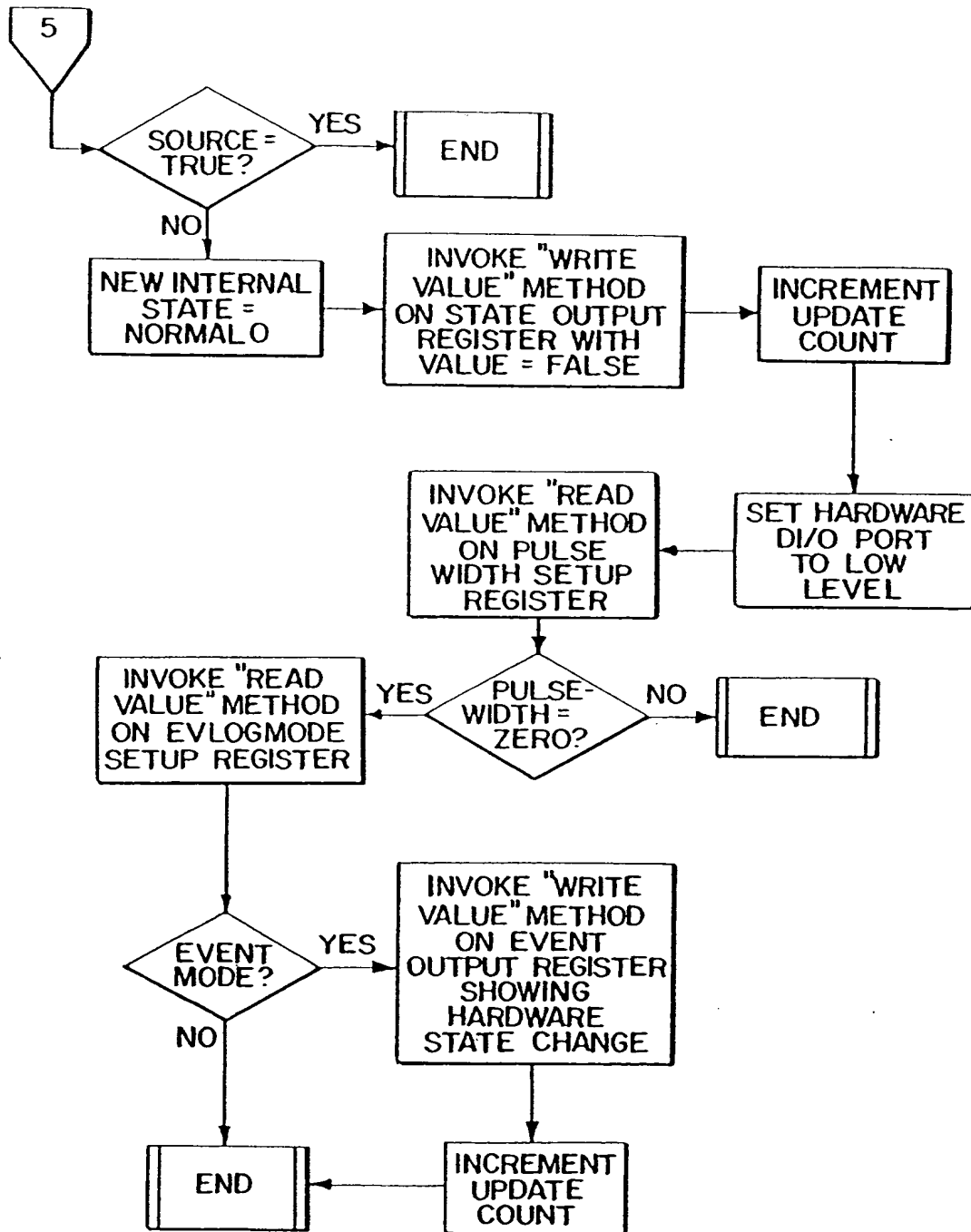


FIG. 16F

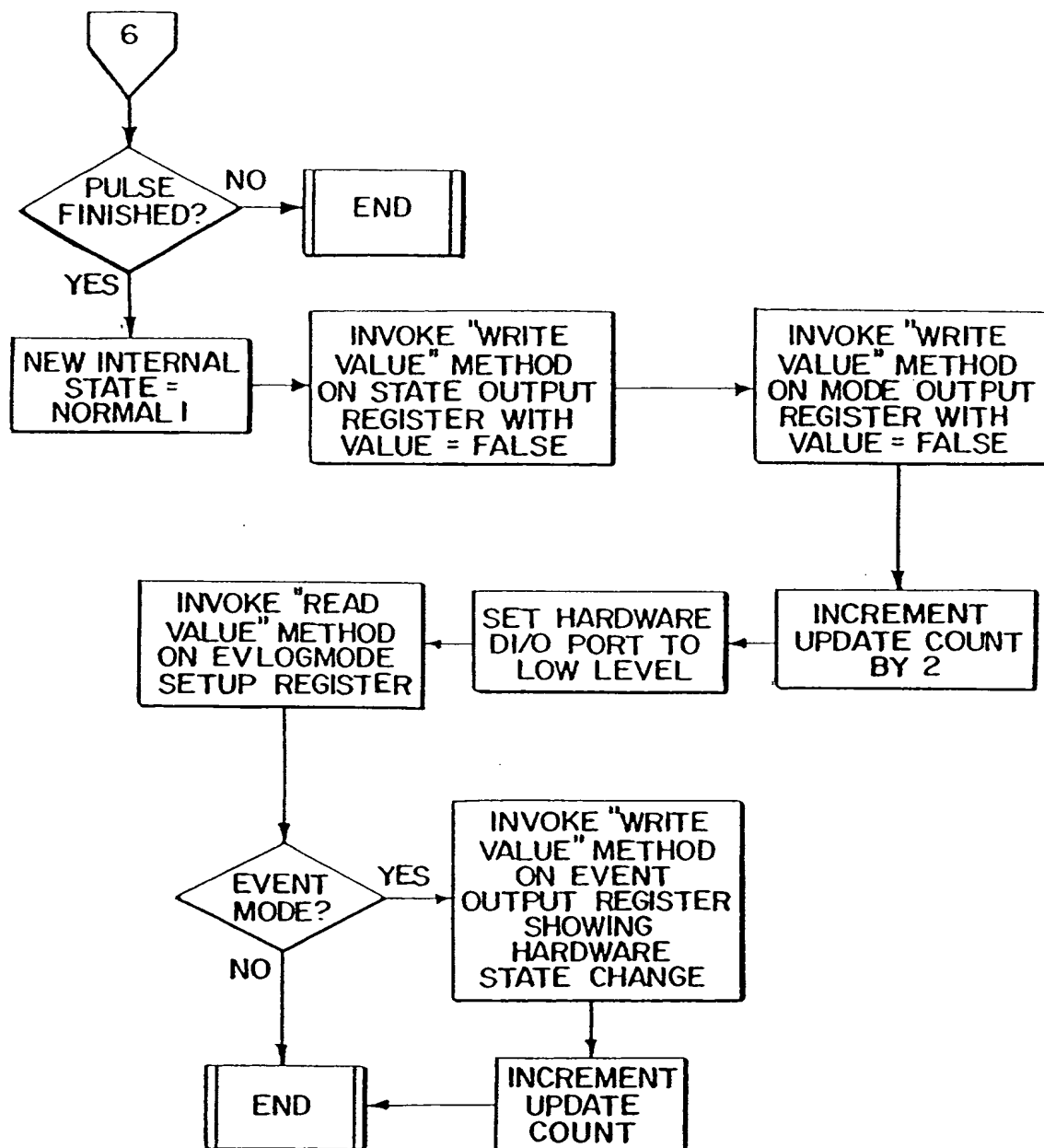


FIG. 16G

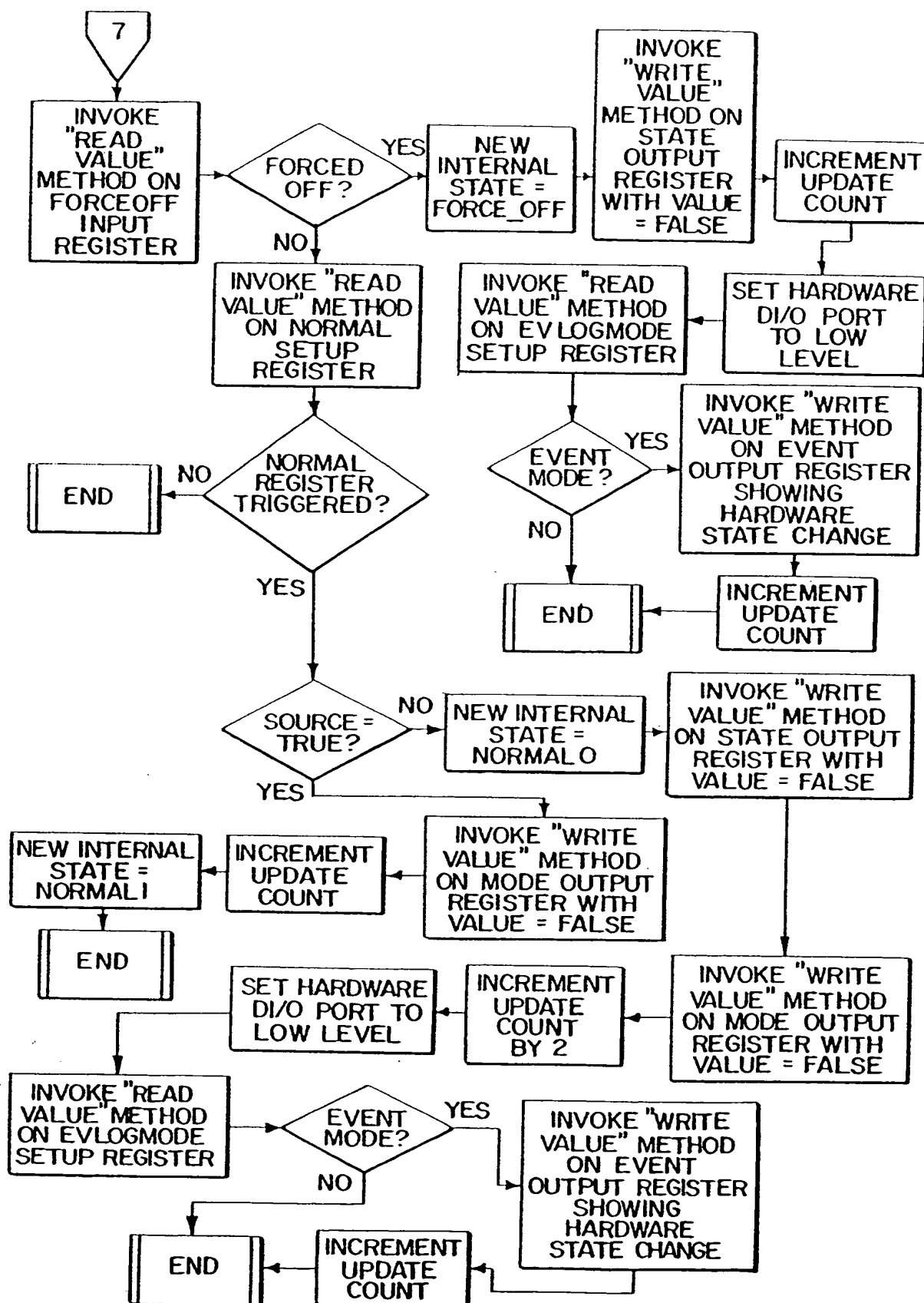


FIG. 16H

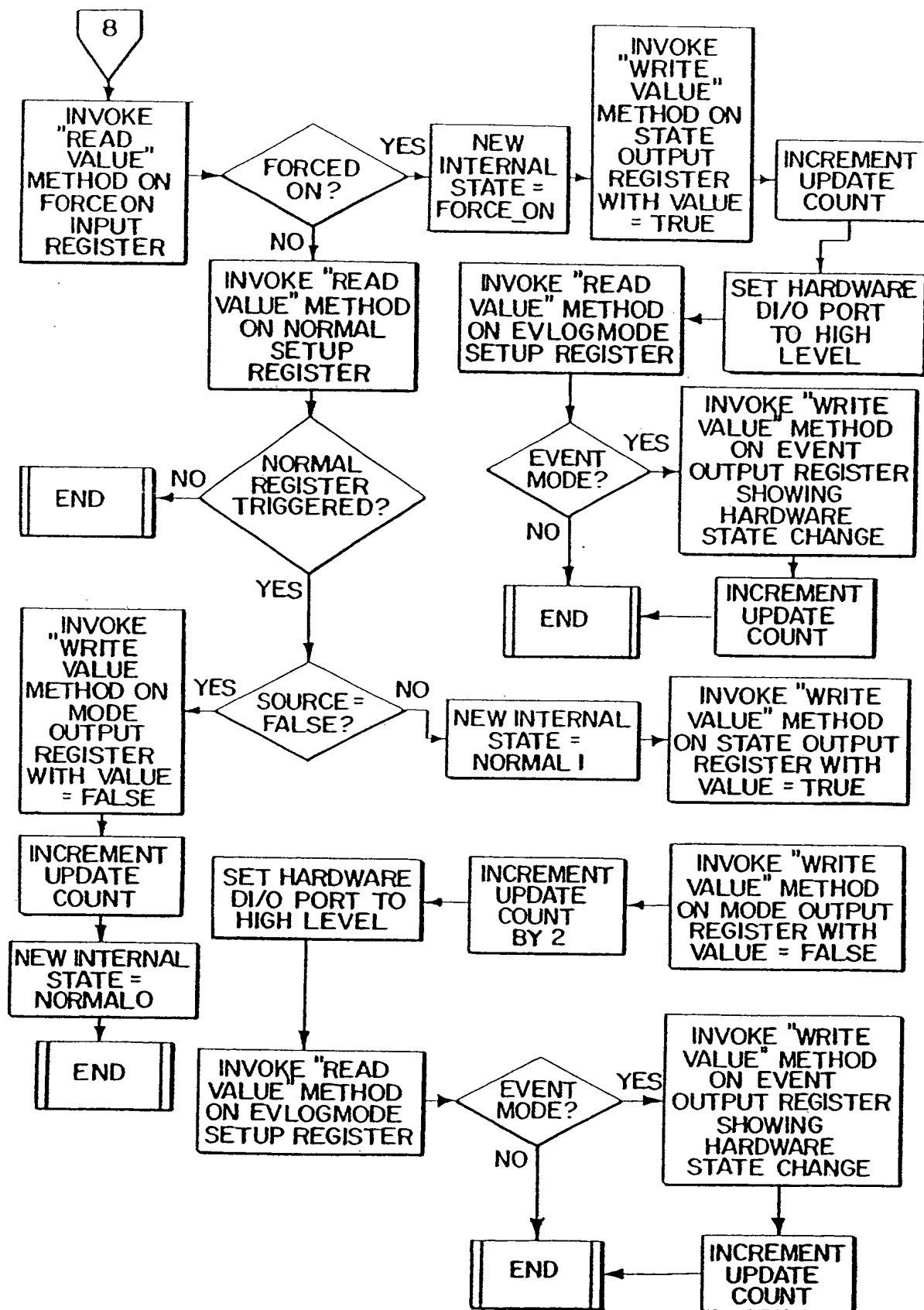


FIG. 17

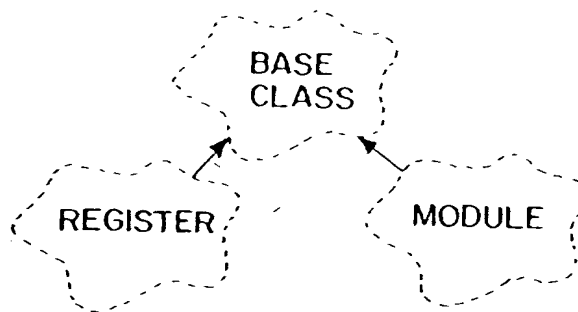


FIG. 17A

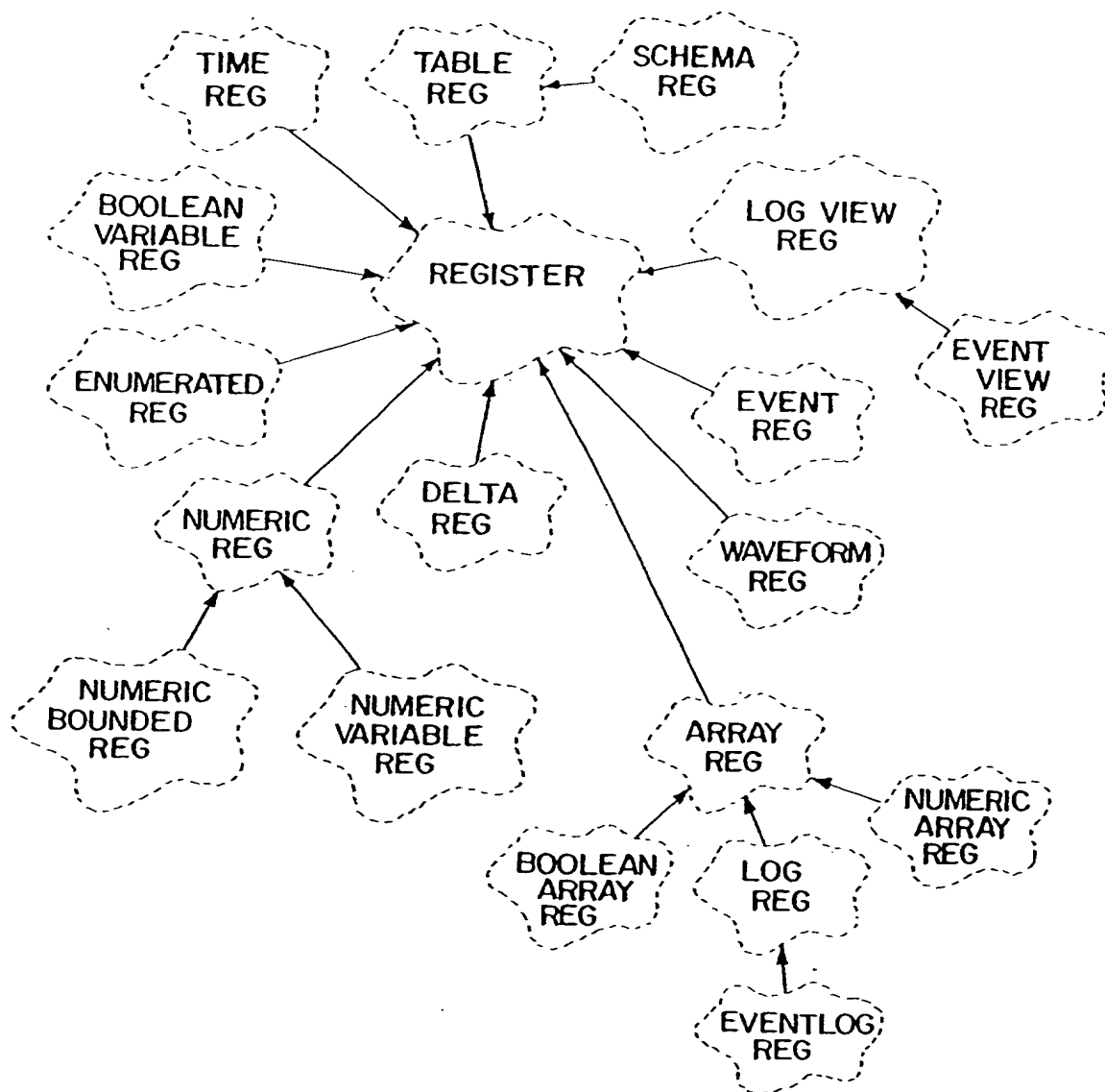


FIG. 17B

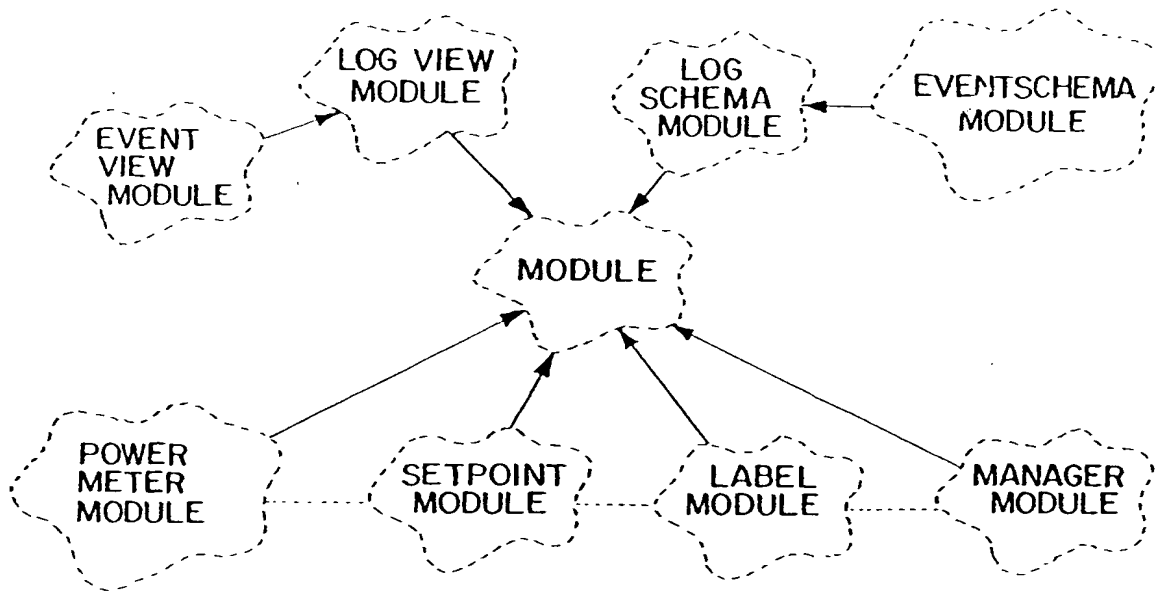


FIG. 17C

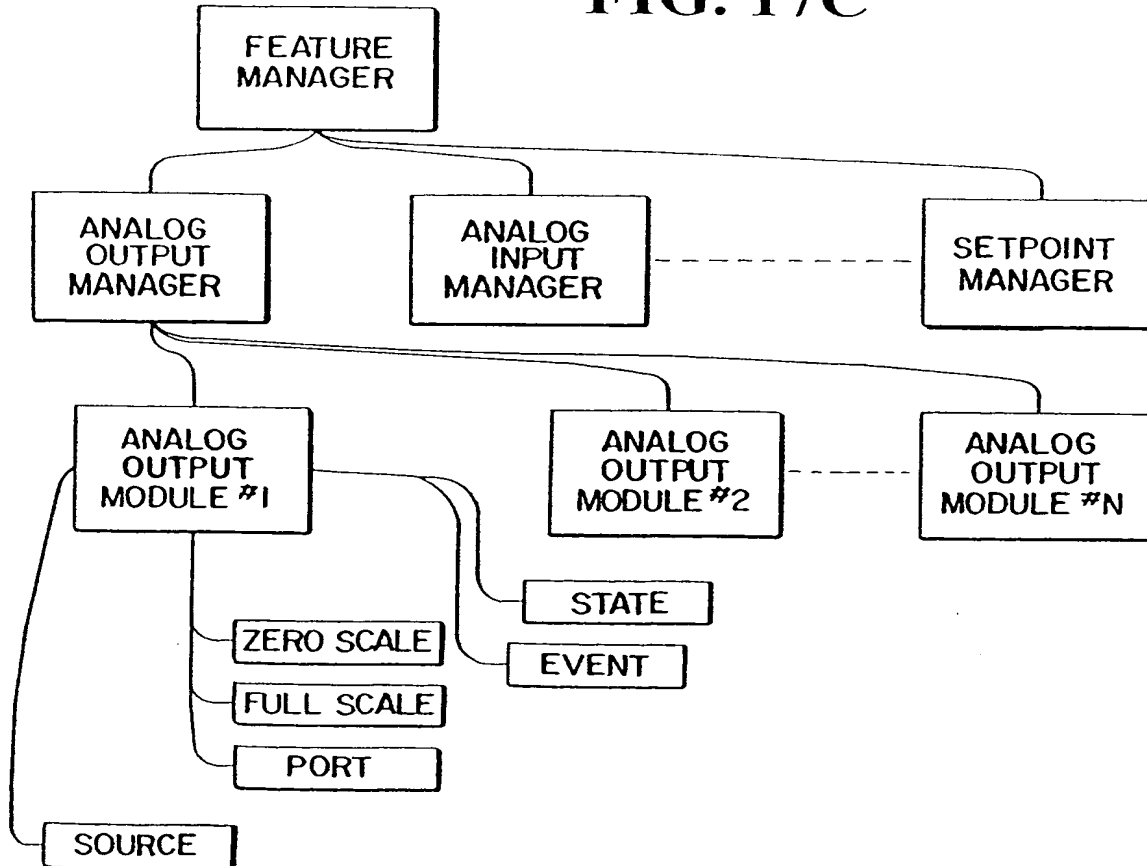


FIG. 18

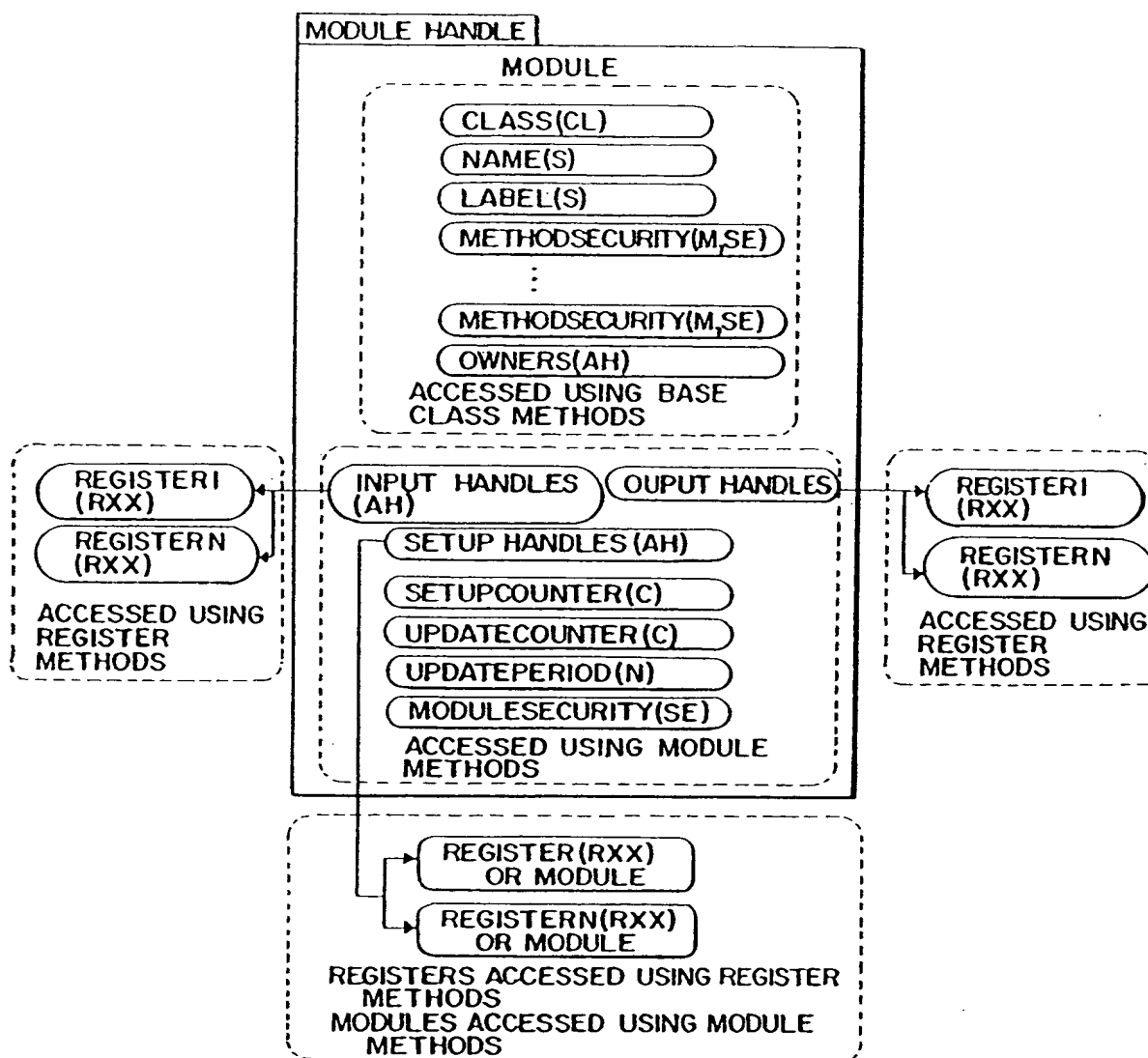


FIG. 19

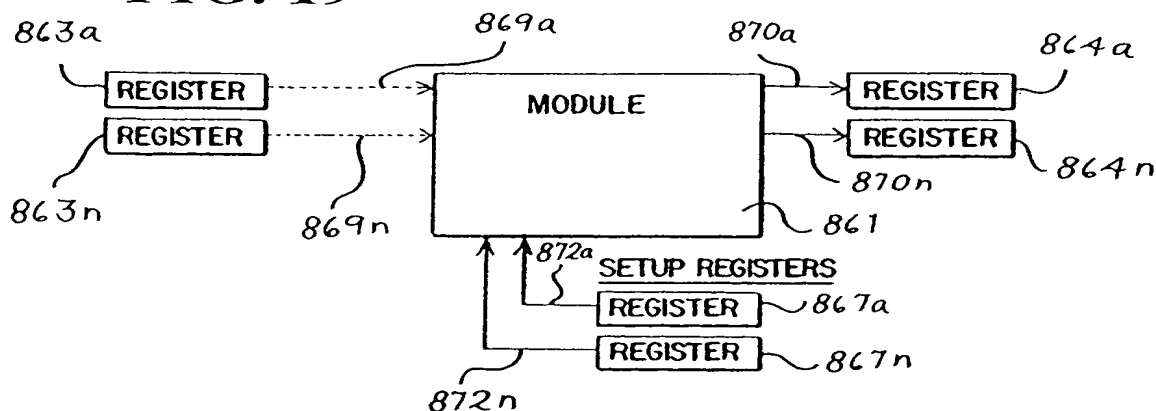


FIG. 19A

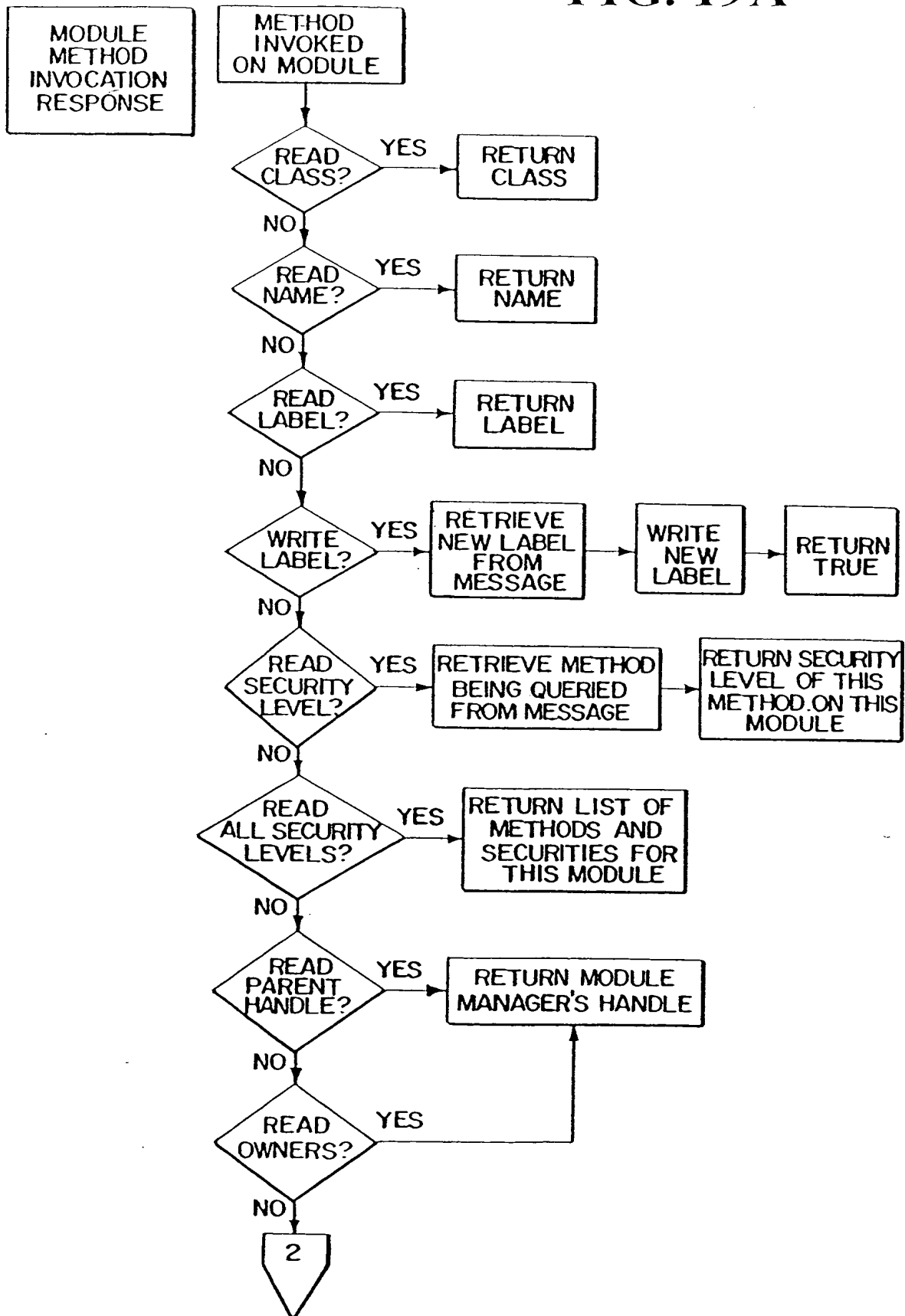


FIG. 19B

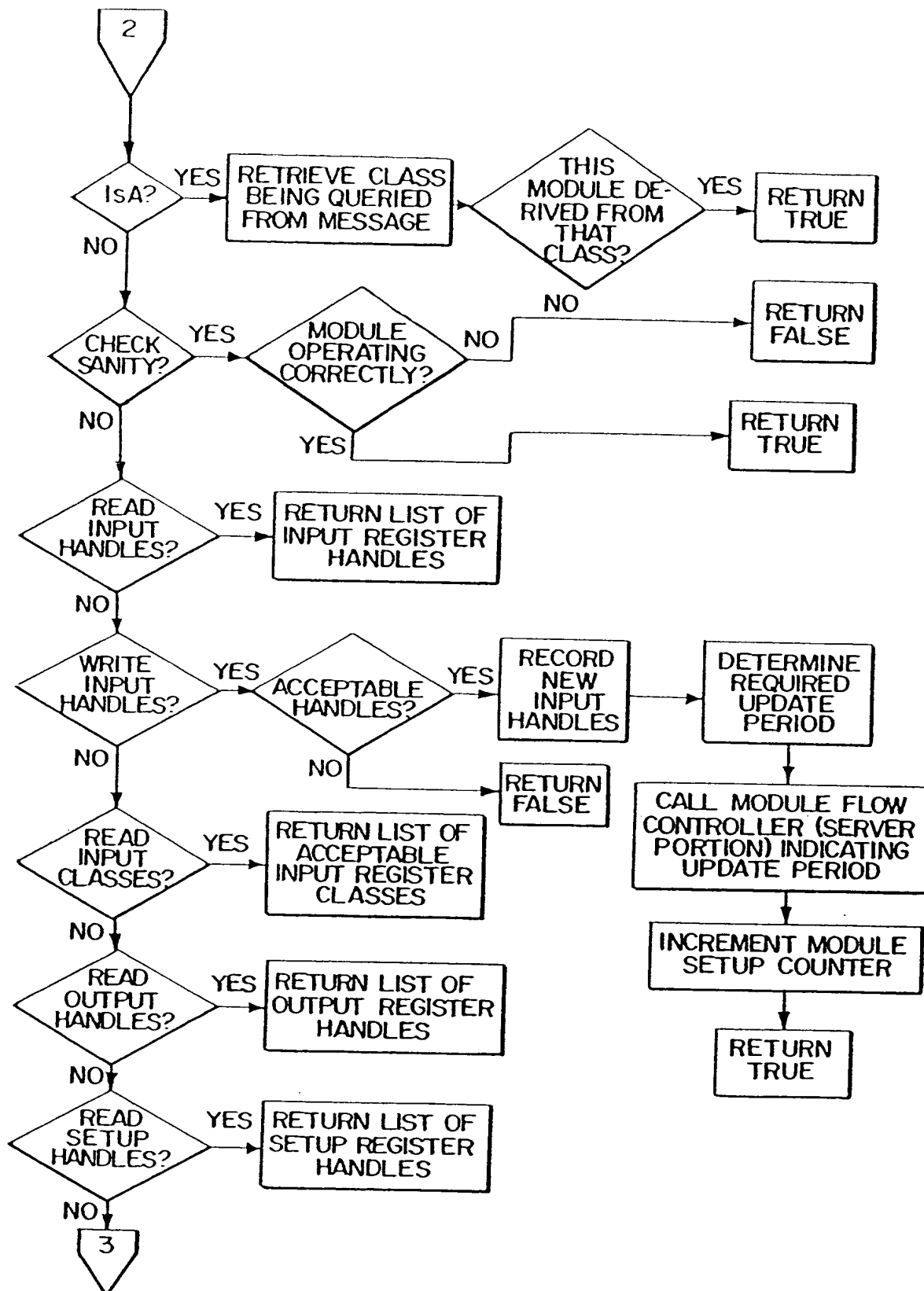


FIG. 19C

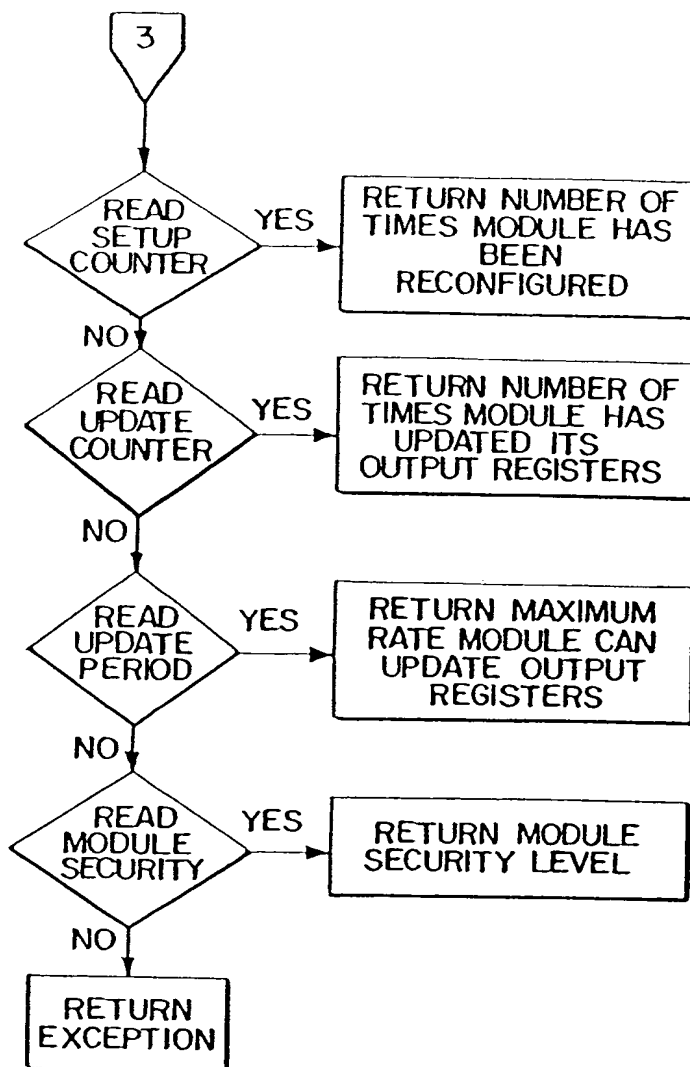


FIG. 20

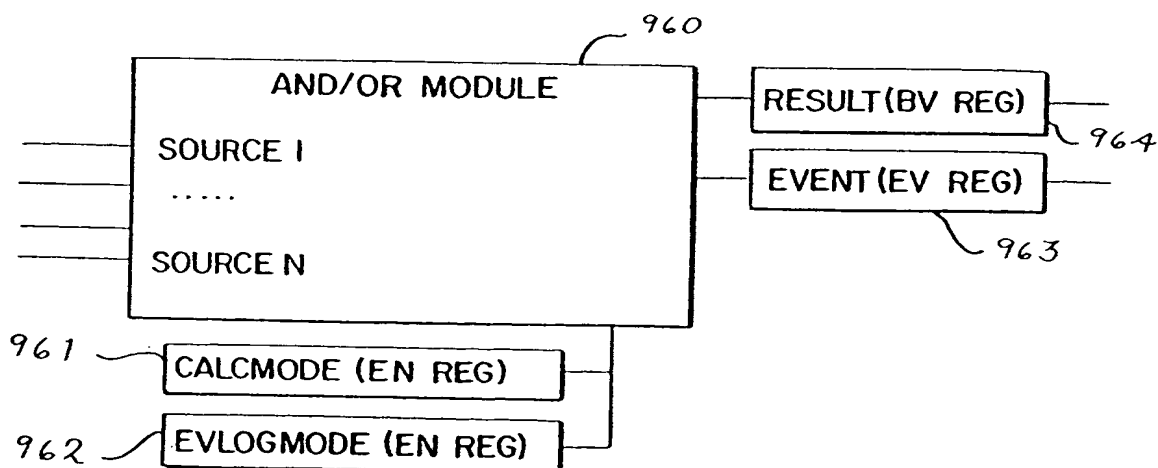


FIG. 20A

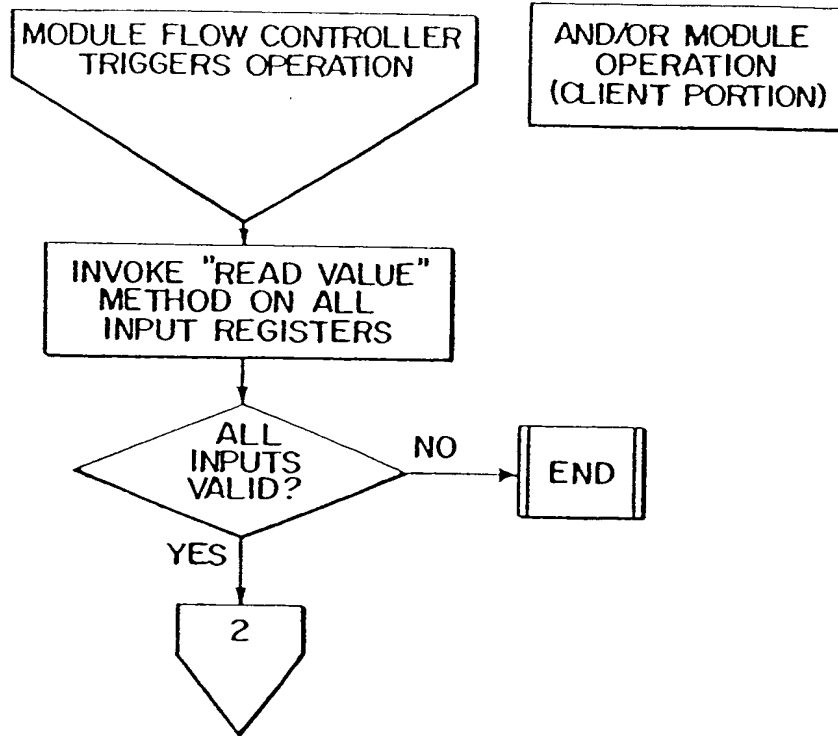
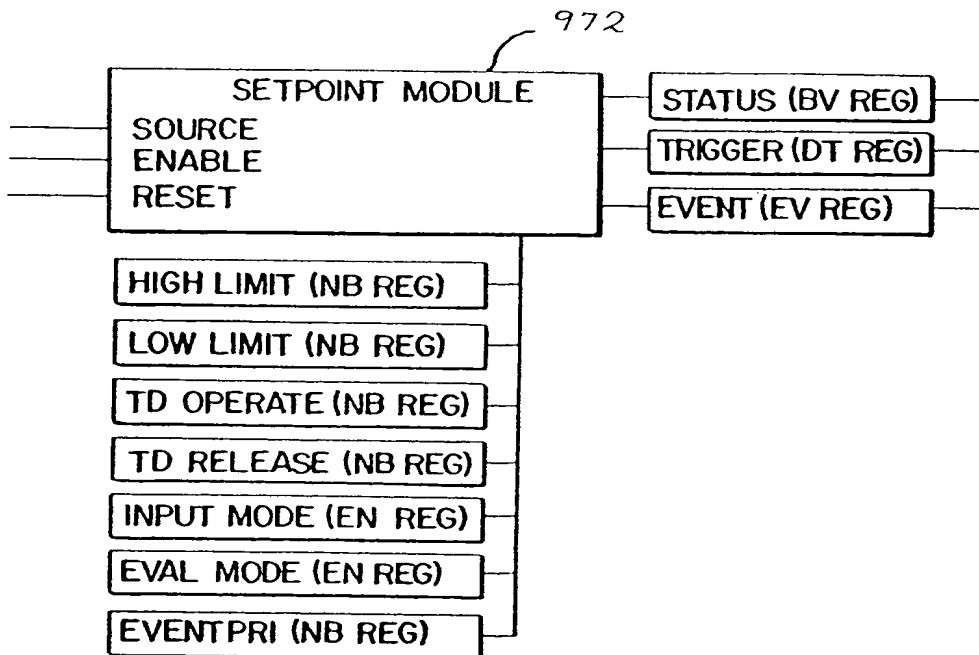


FIG. 21



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FIG. 20B

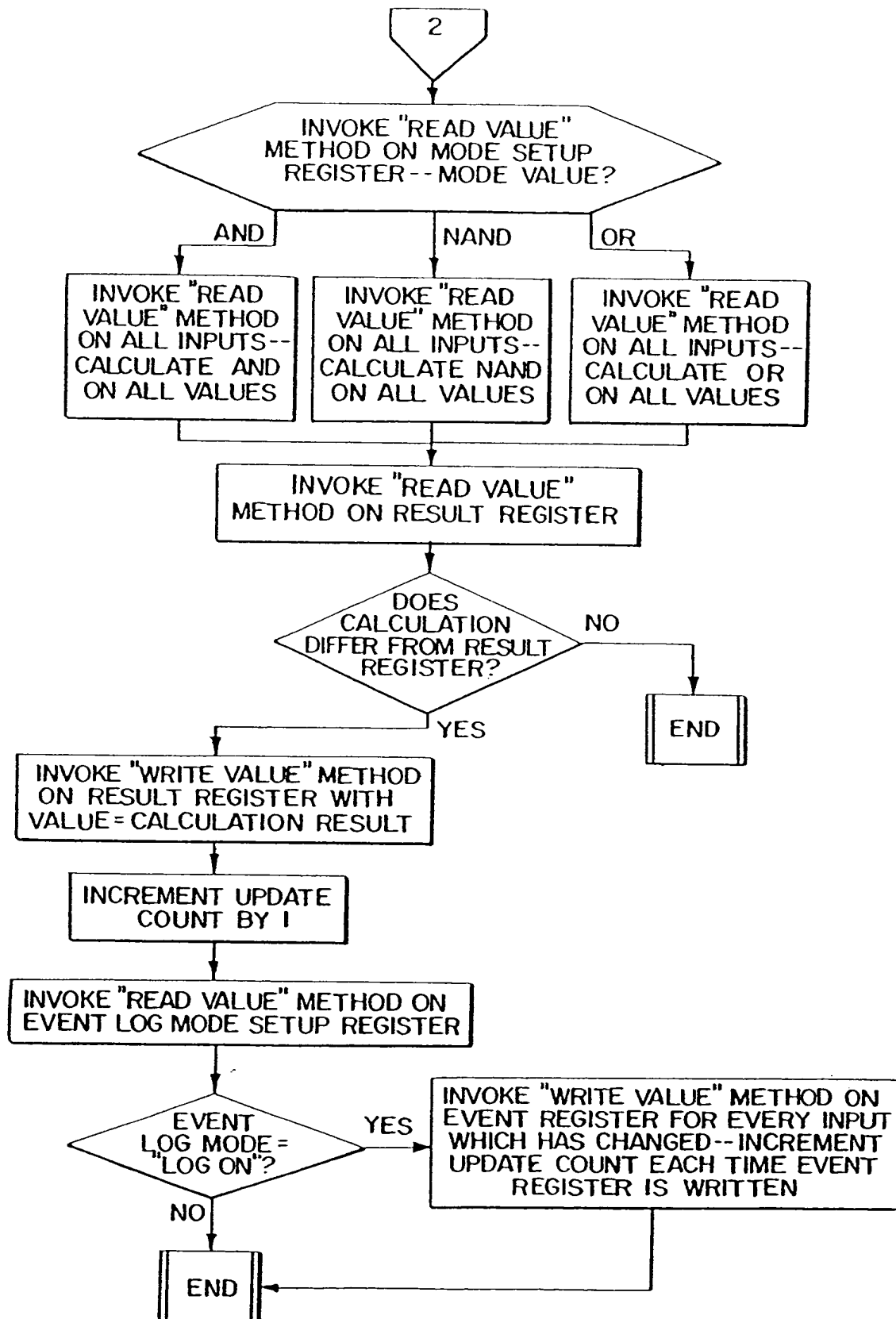


FIG. 21A

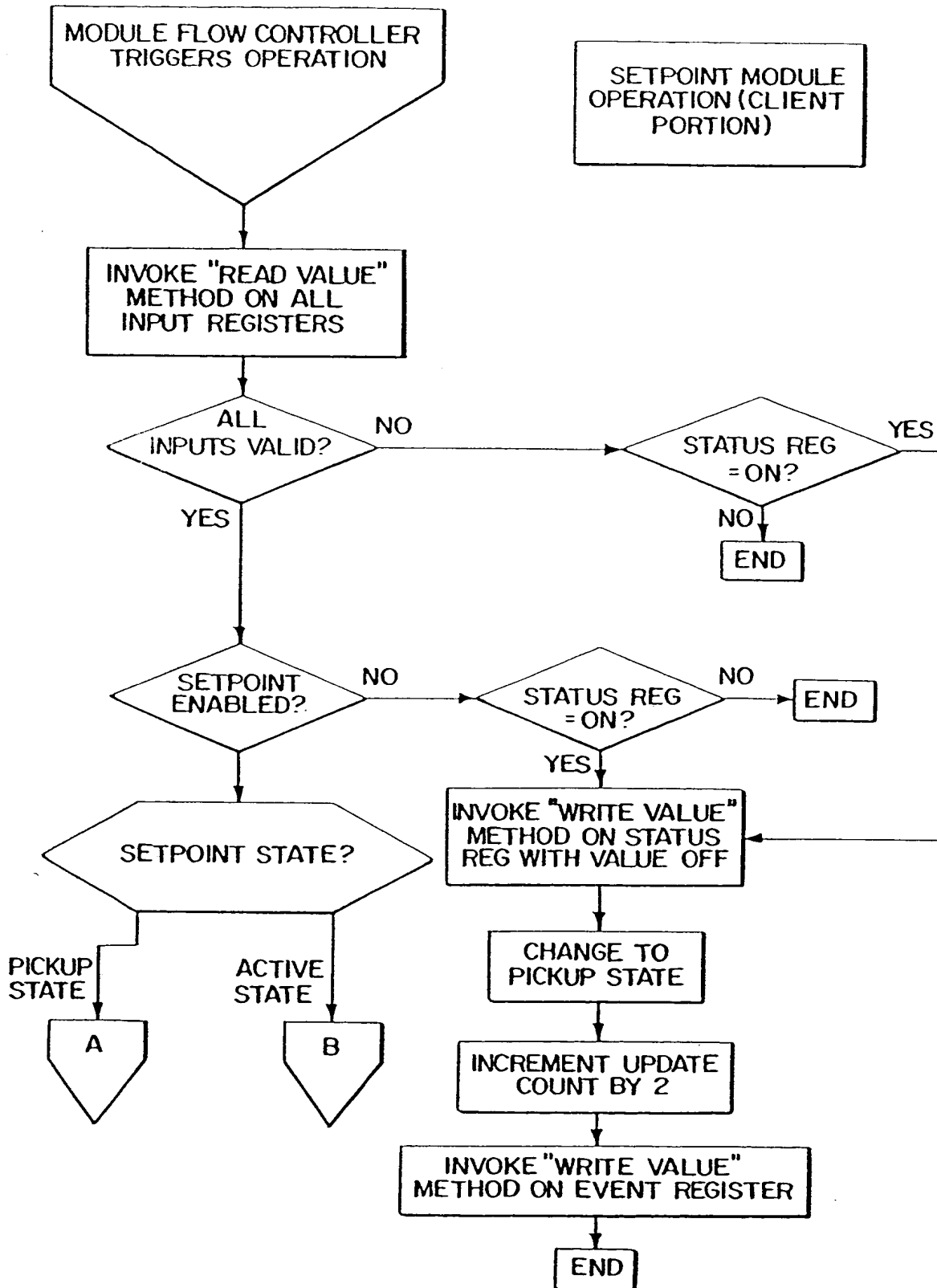


FIG. 21B

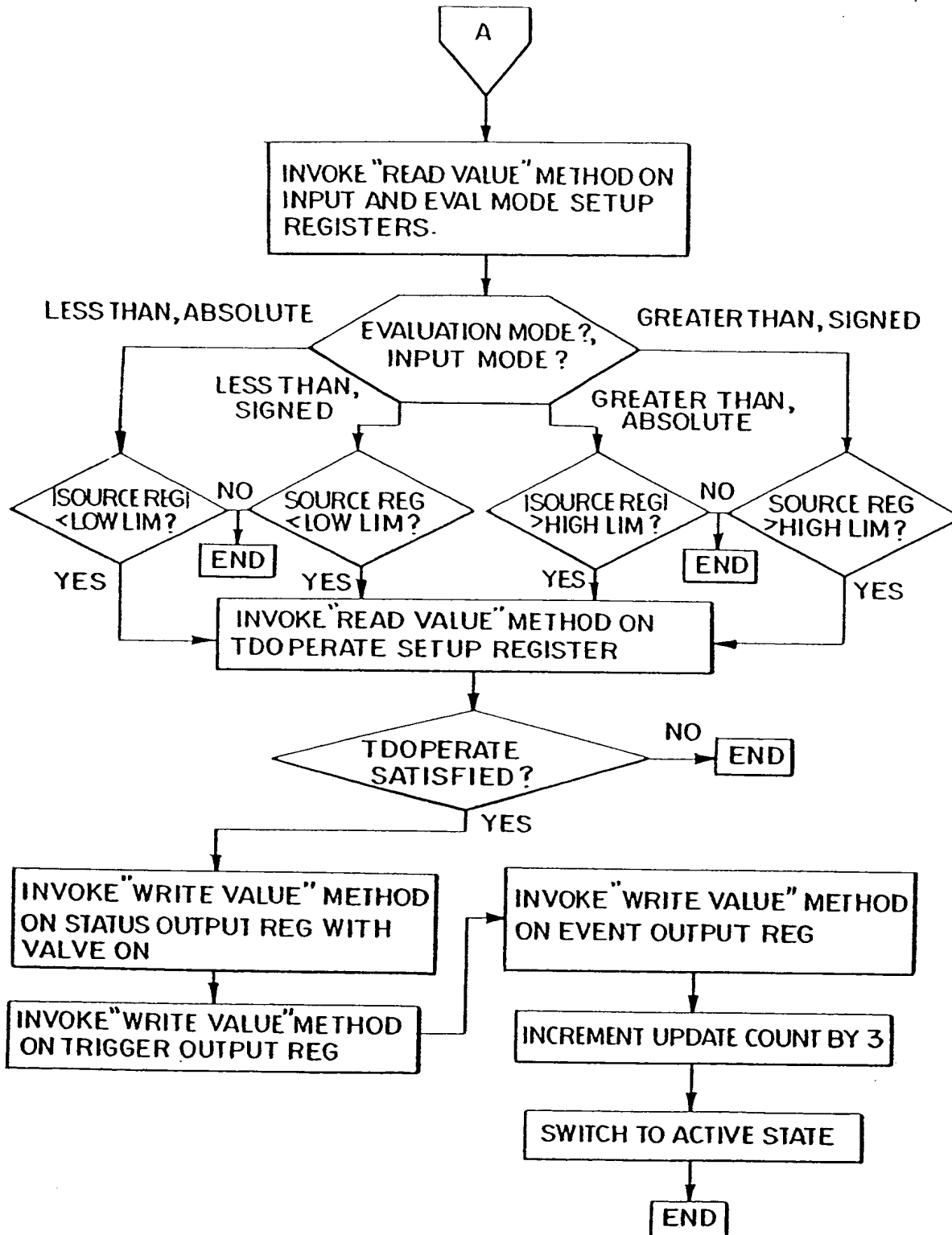


FIG. 21C

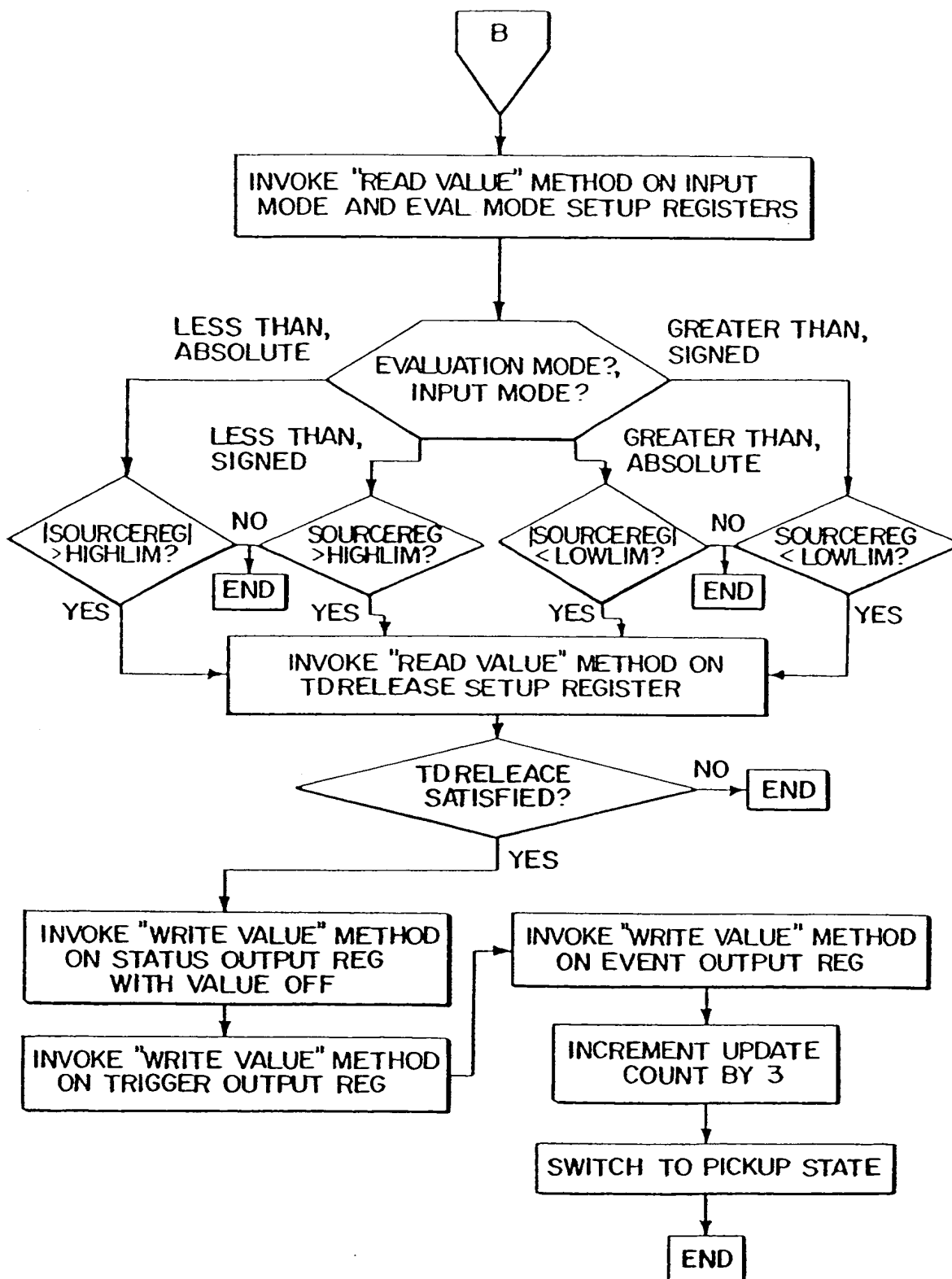


FIG. 22

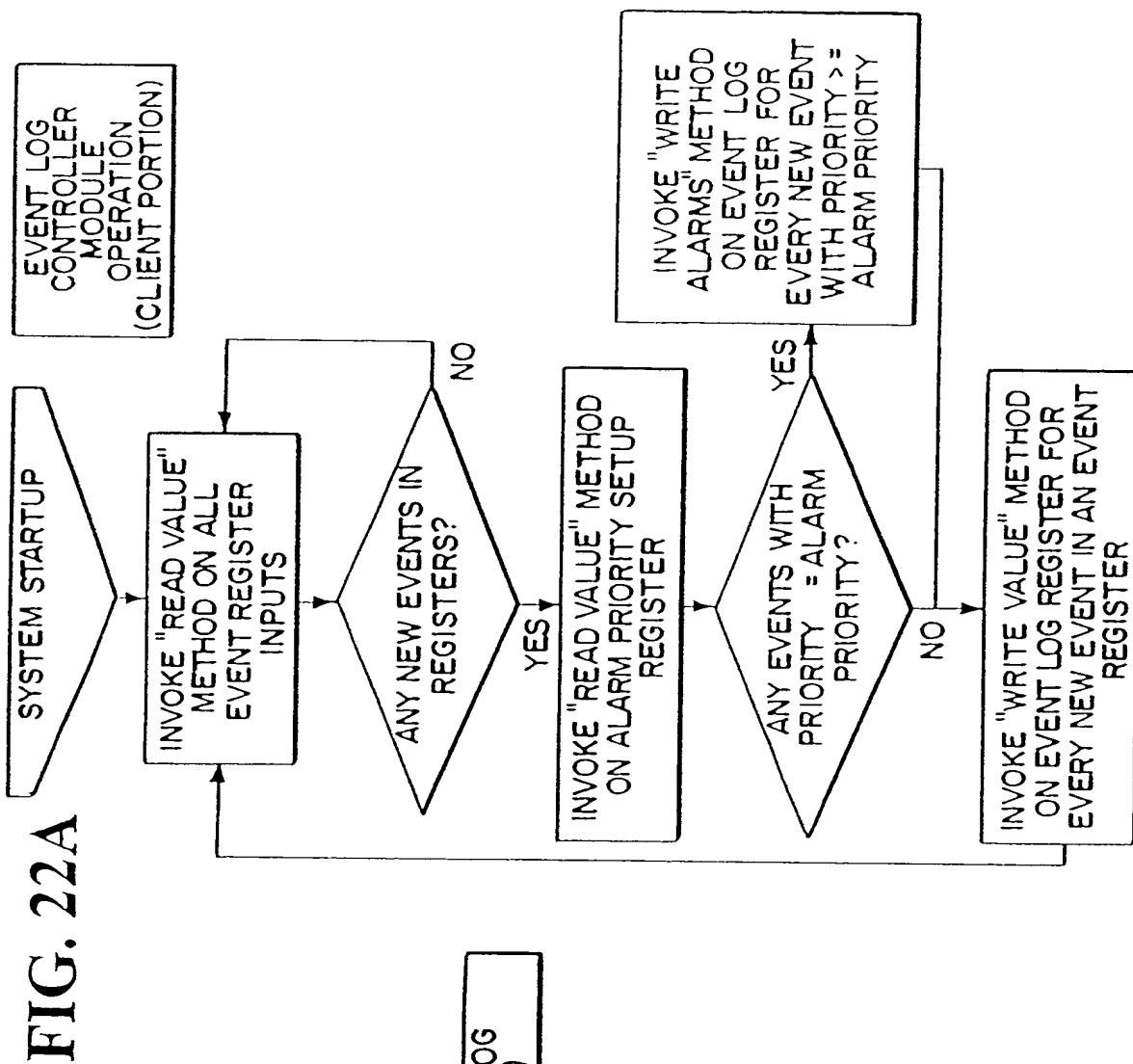
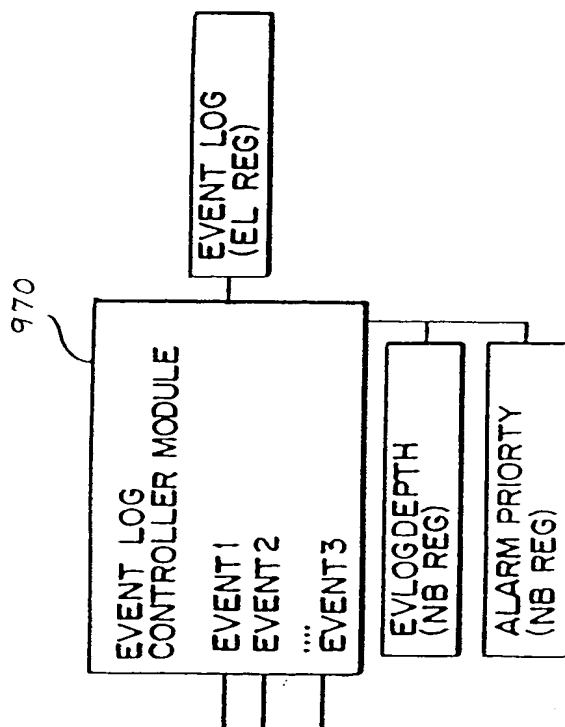


FIG. 22A

EVENT LOG CONTROLLER MODULE OPERATION (CLIENT PORTION)

FIG. 23

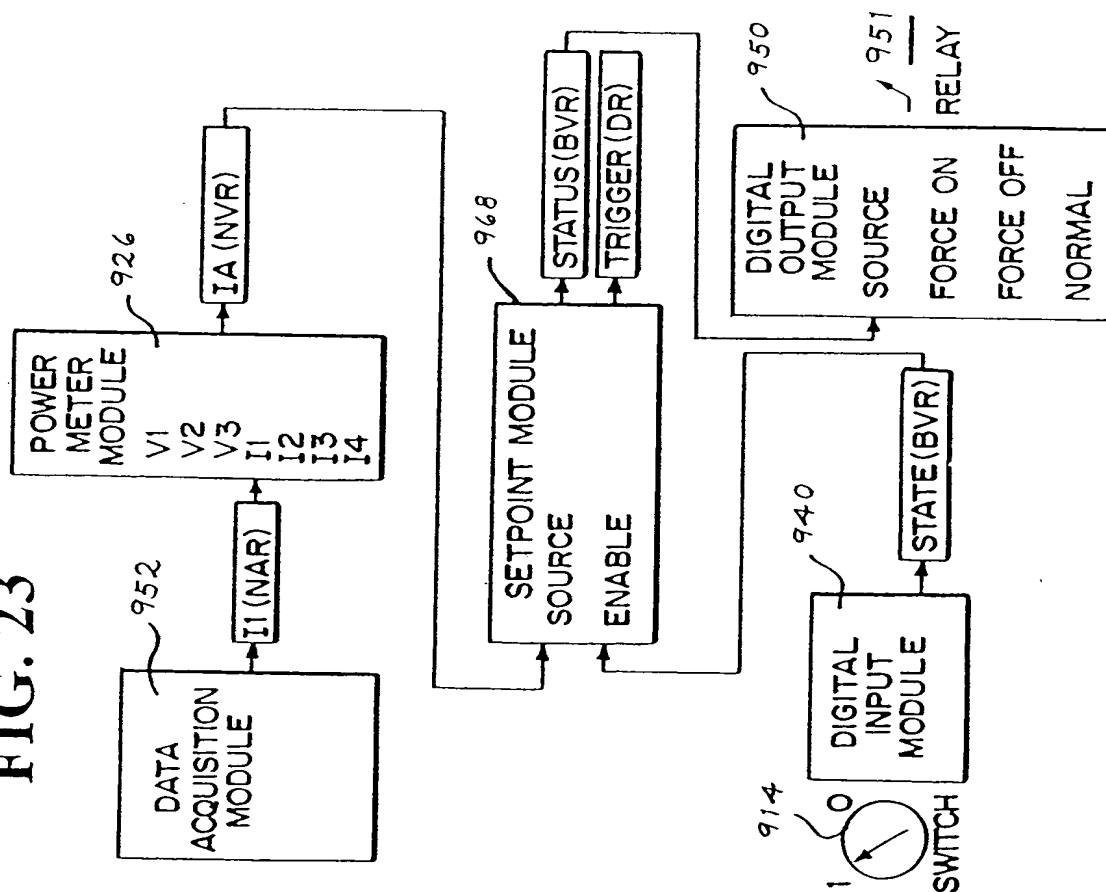
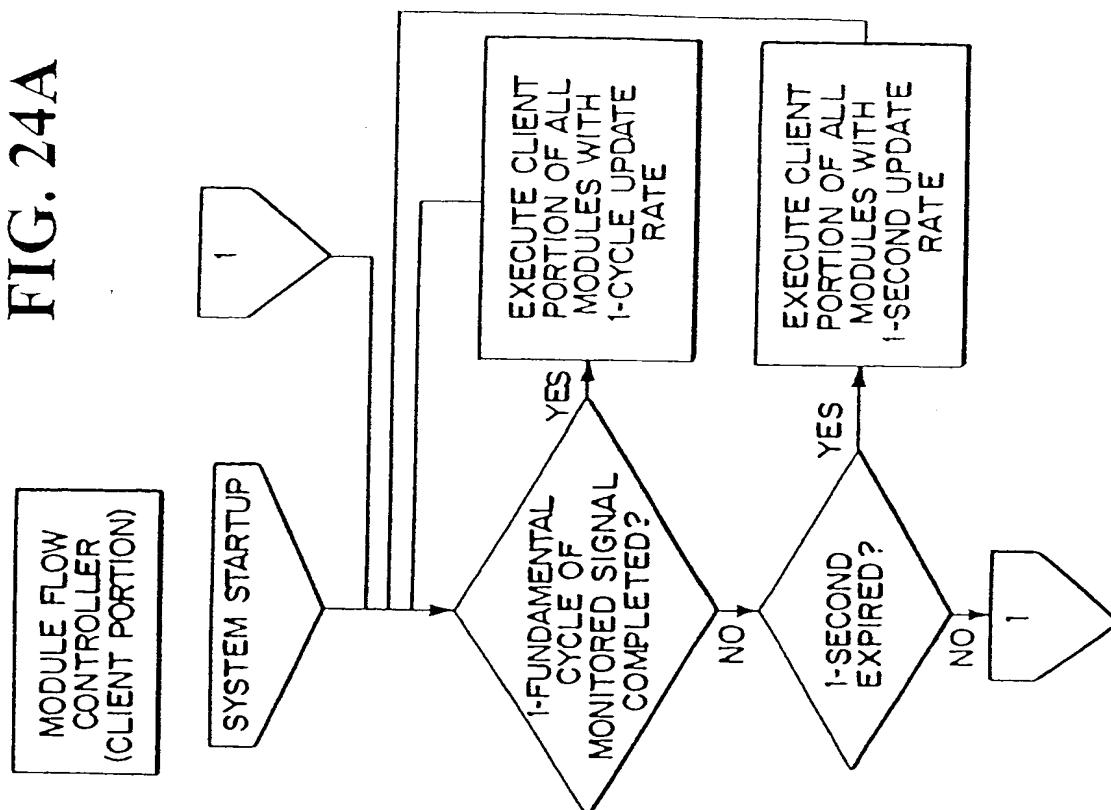


FIG. 24A



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FIG. 25

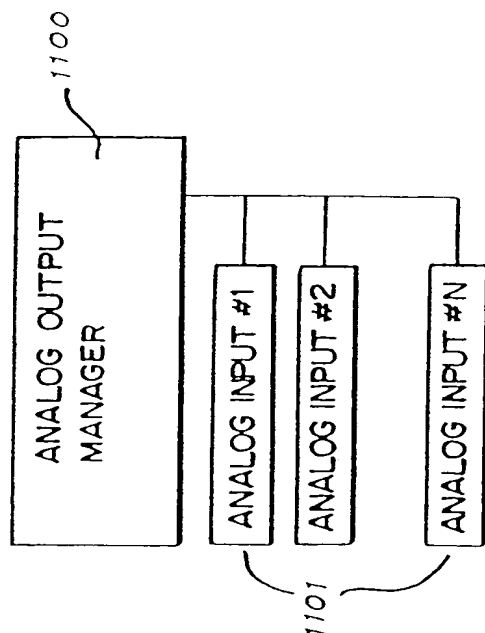
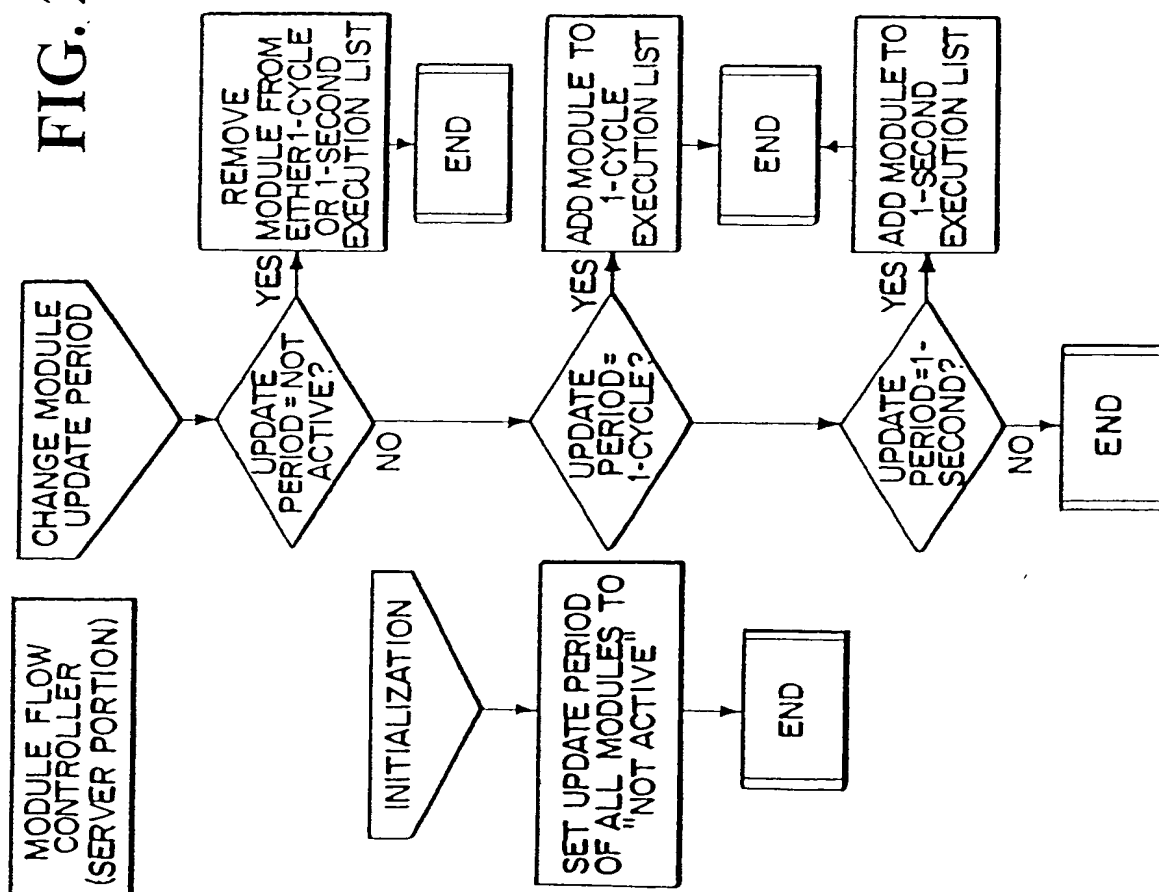


FIG. 24B



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FIG. 25A

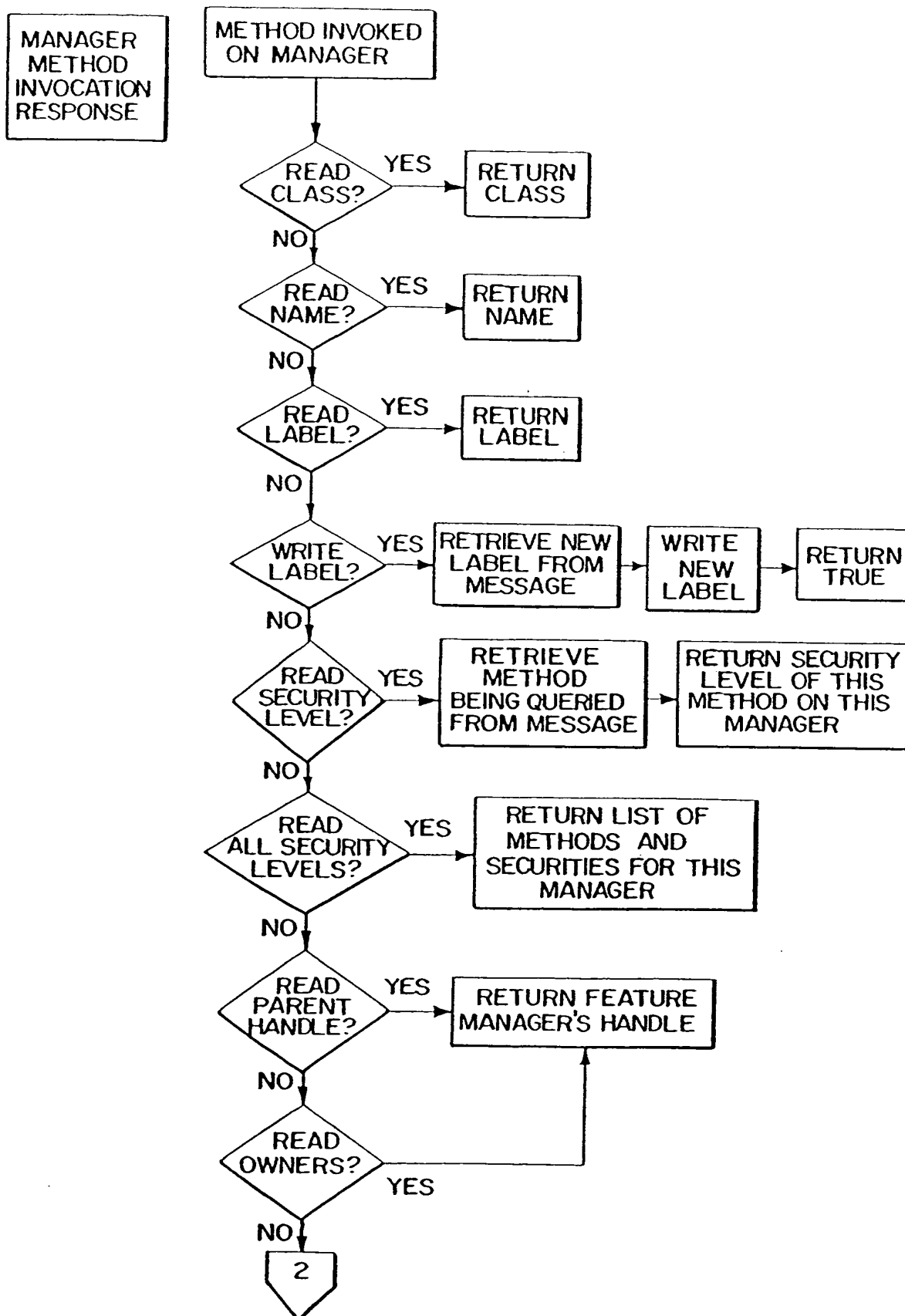


FIG. 25B

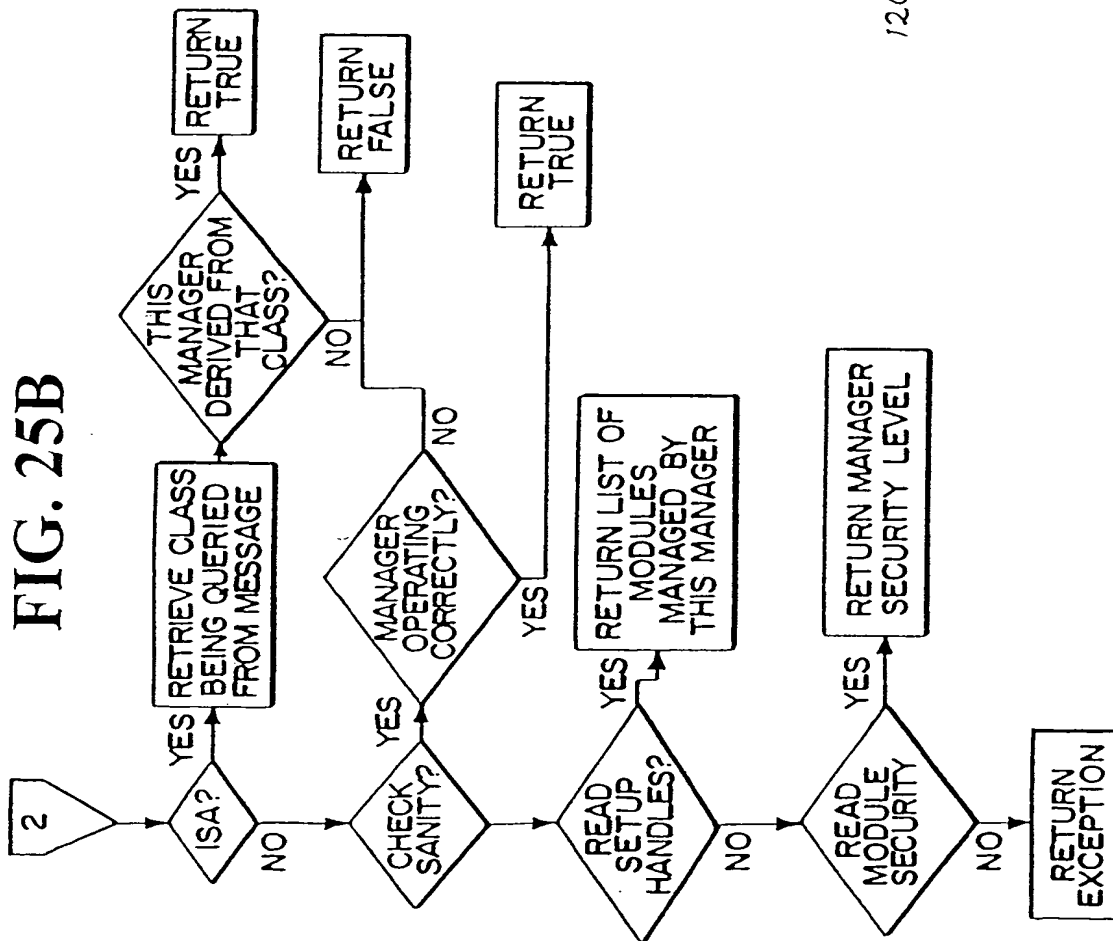
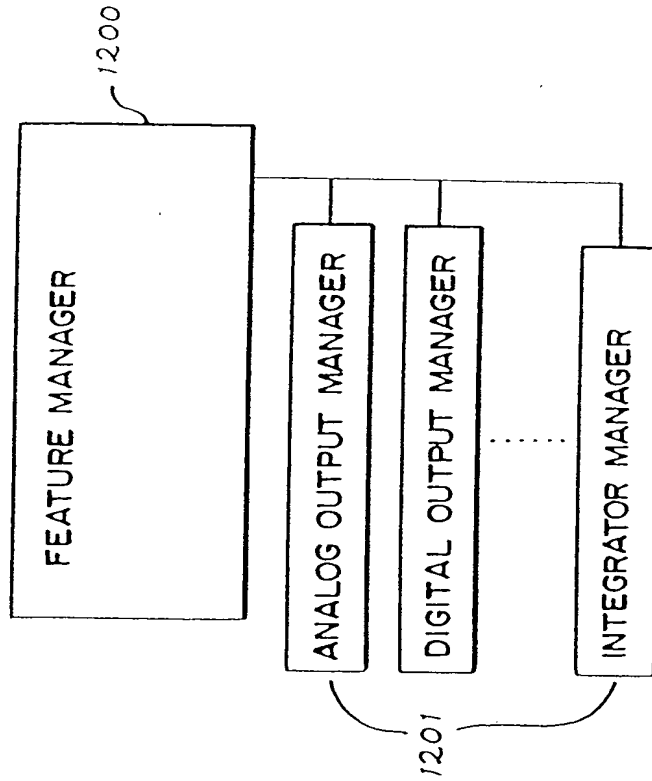


FIG. 26



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FIG. 26A

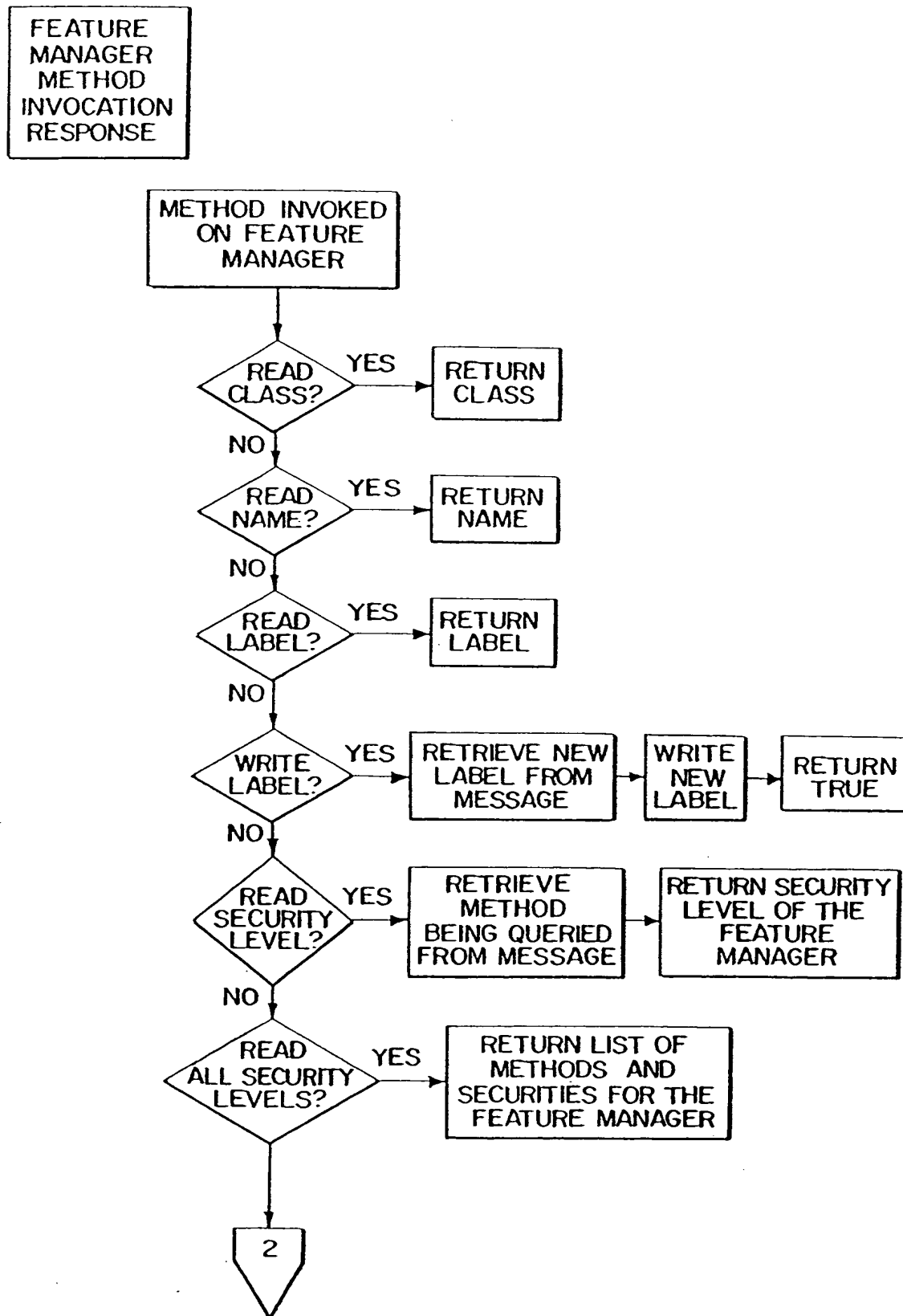
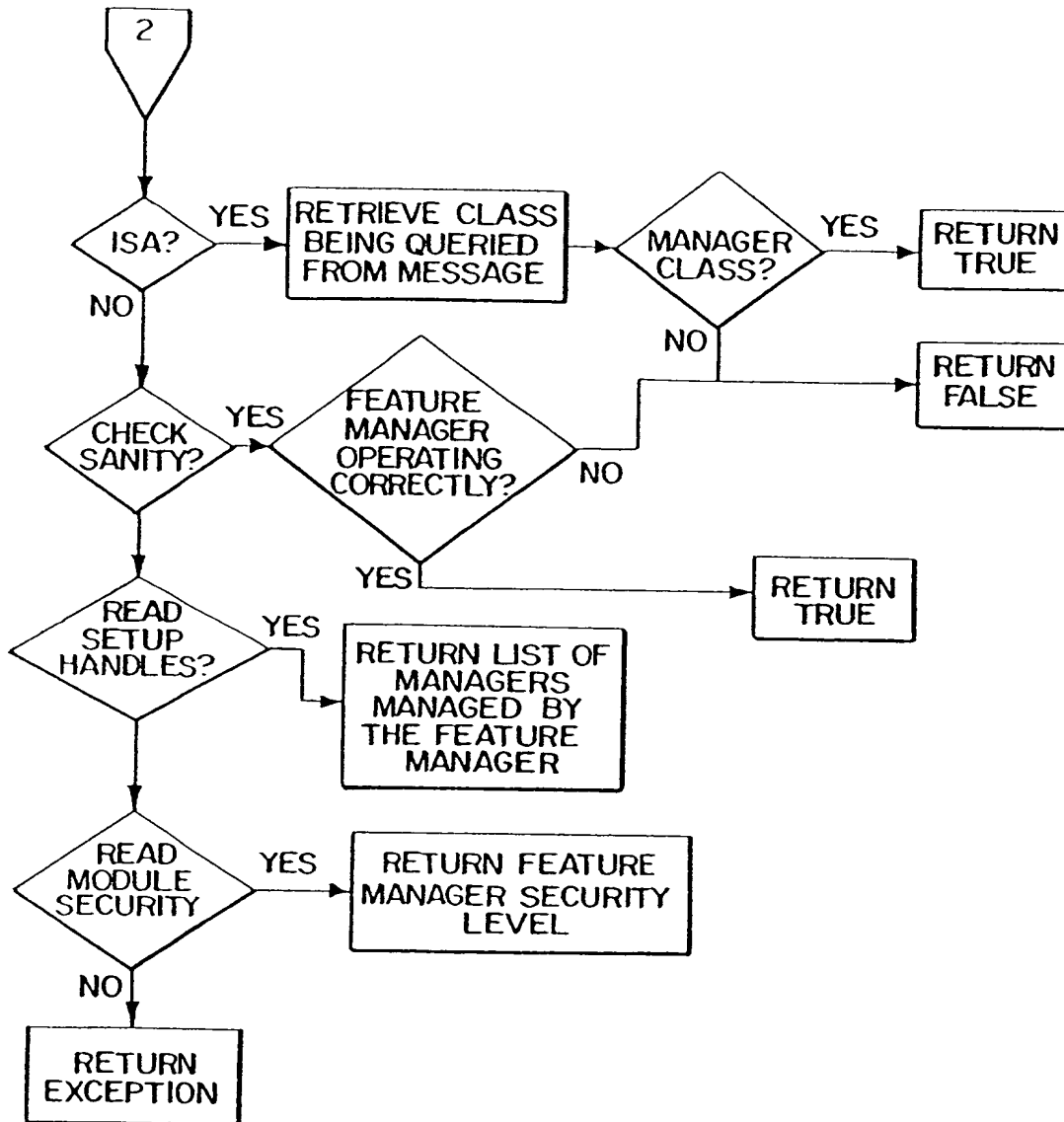


FIG. 26B



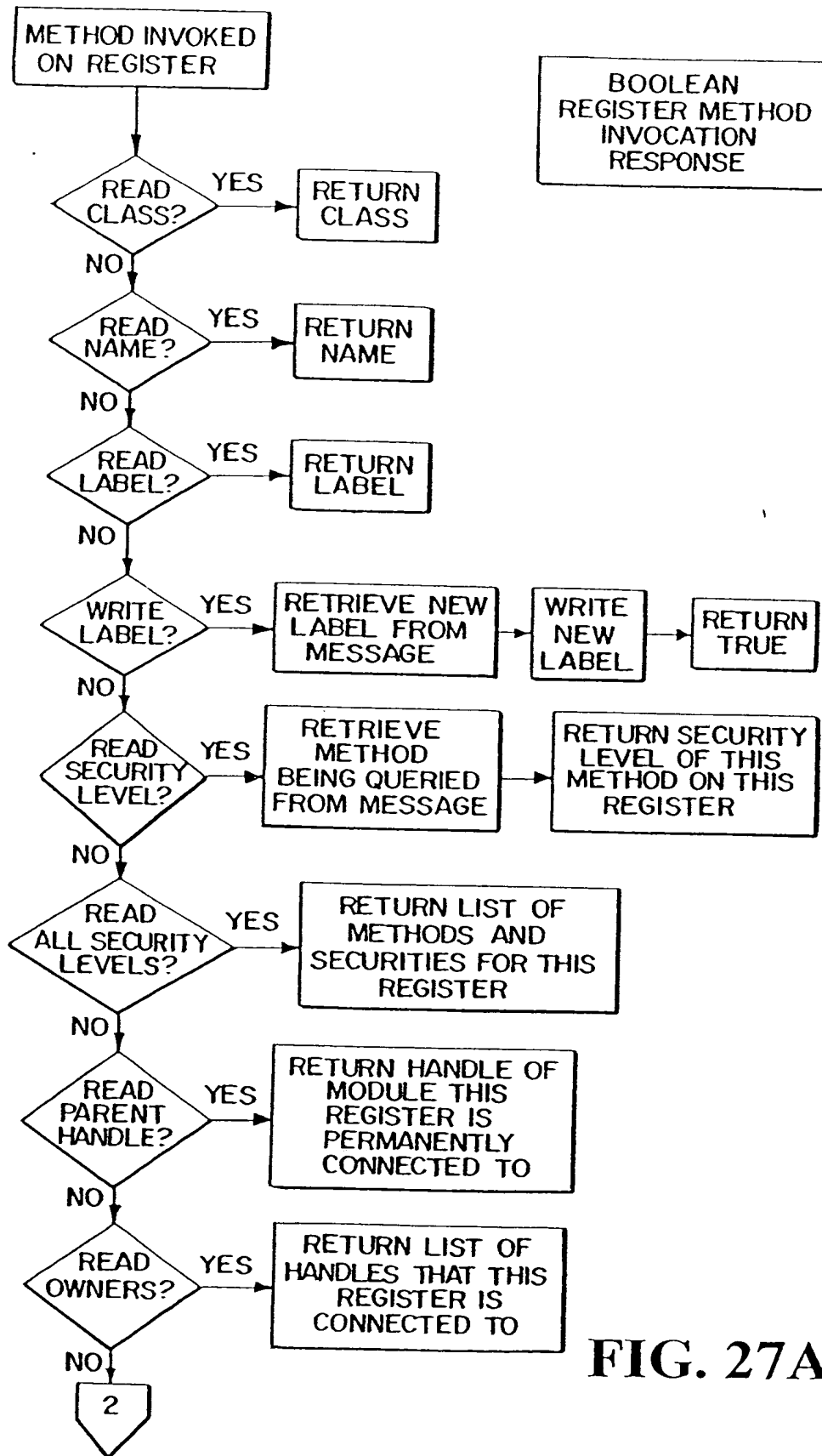
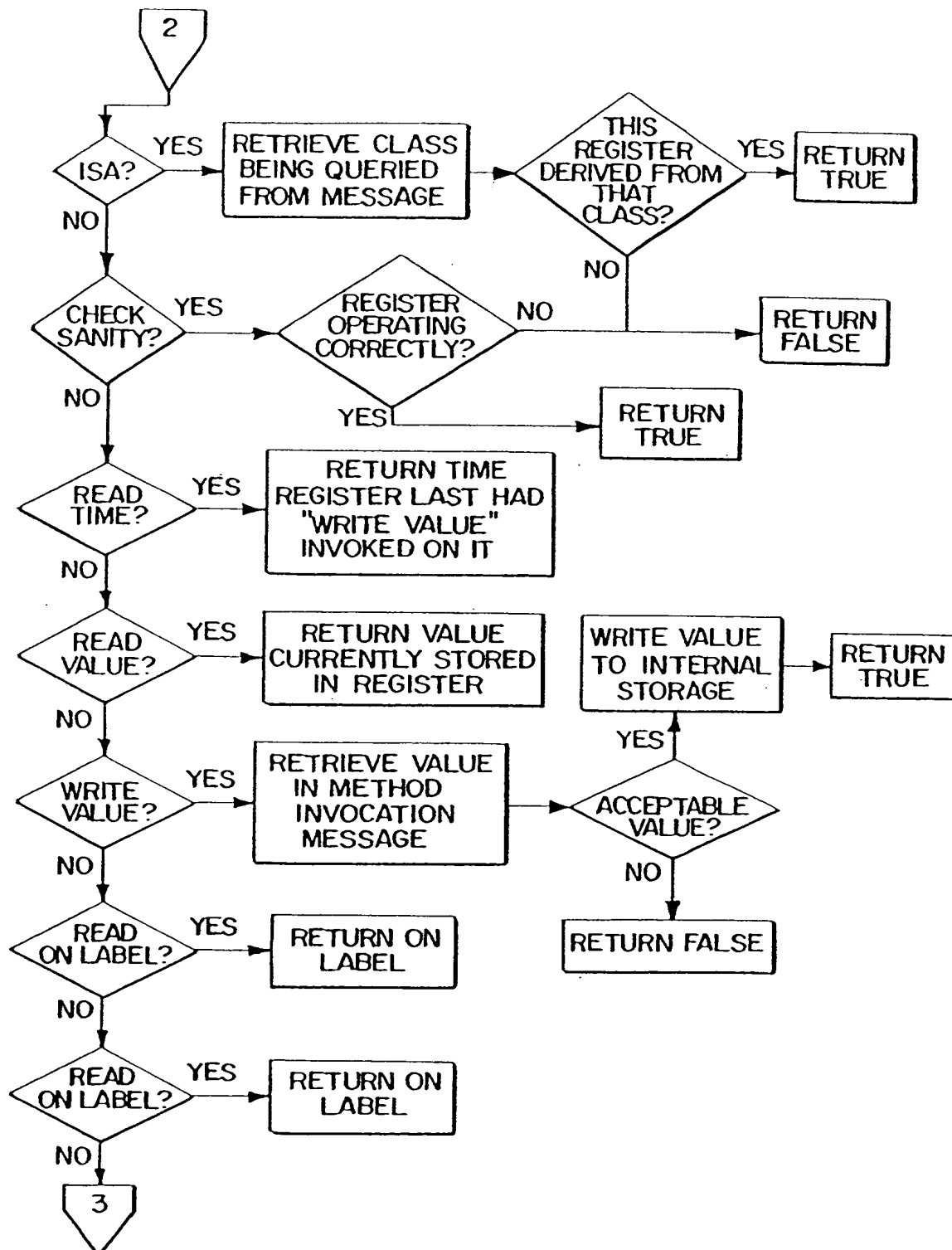


FIG. 27A

FIG. 27B



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FIG. 27C

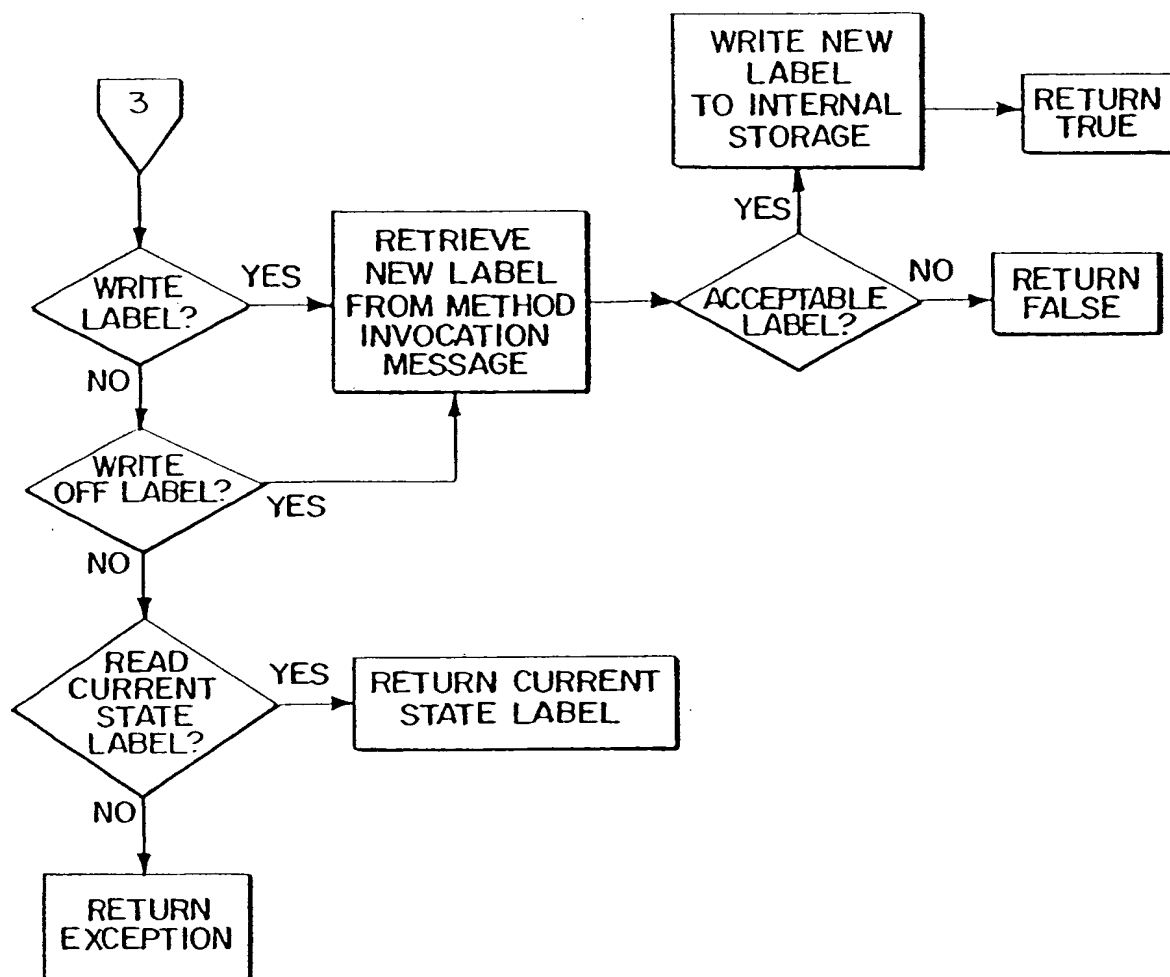


FIG. 28A

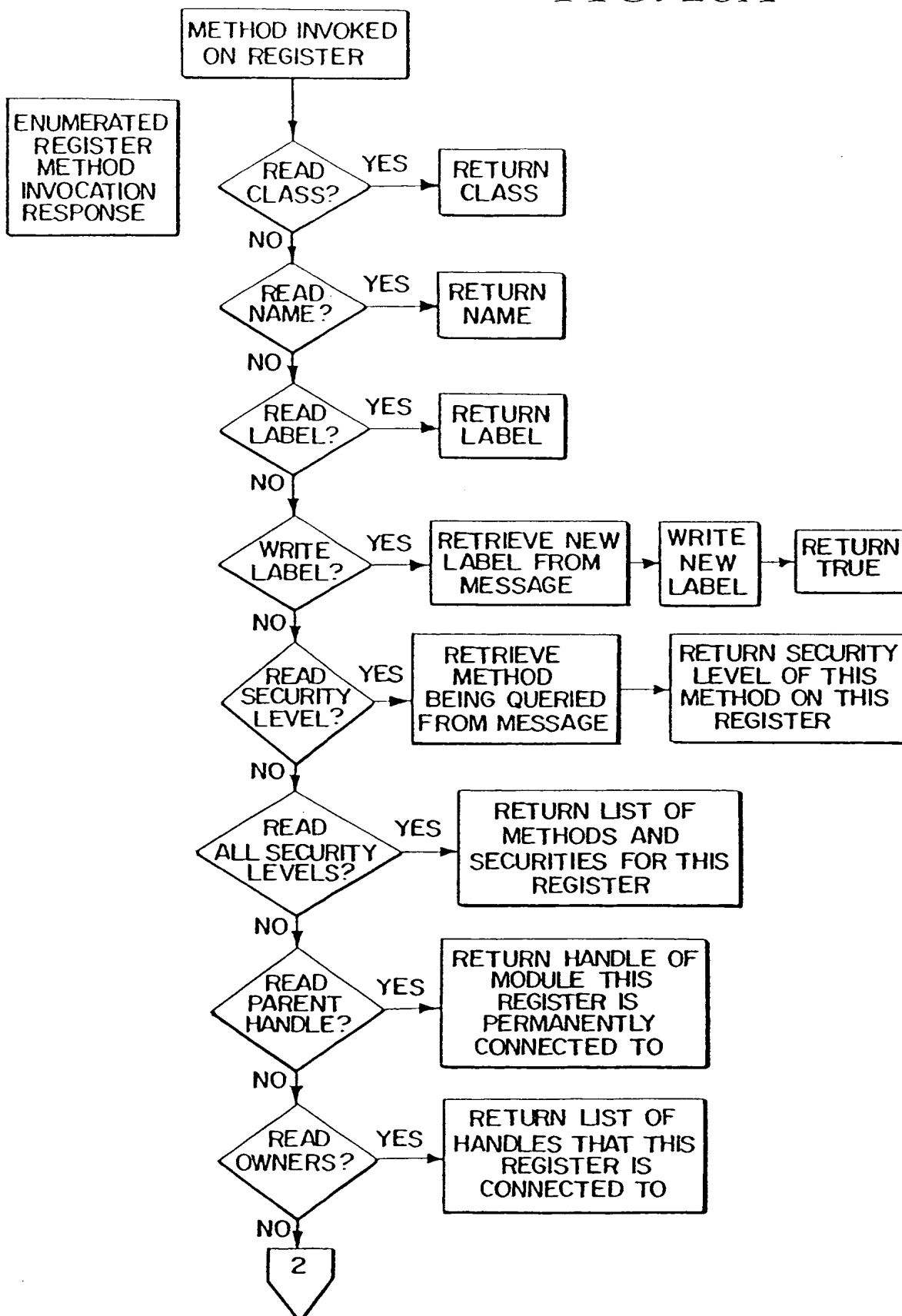


FIG. 28B

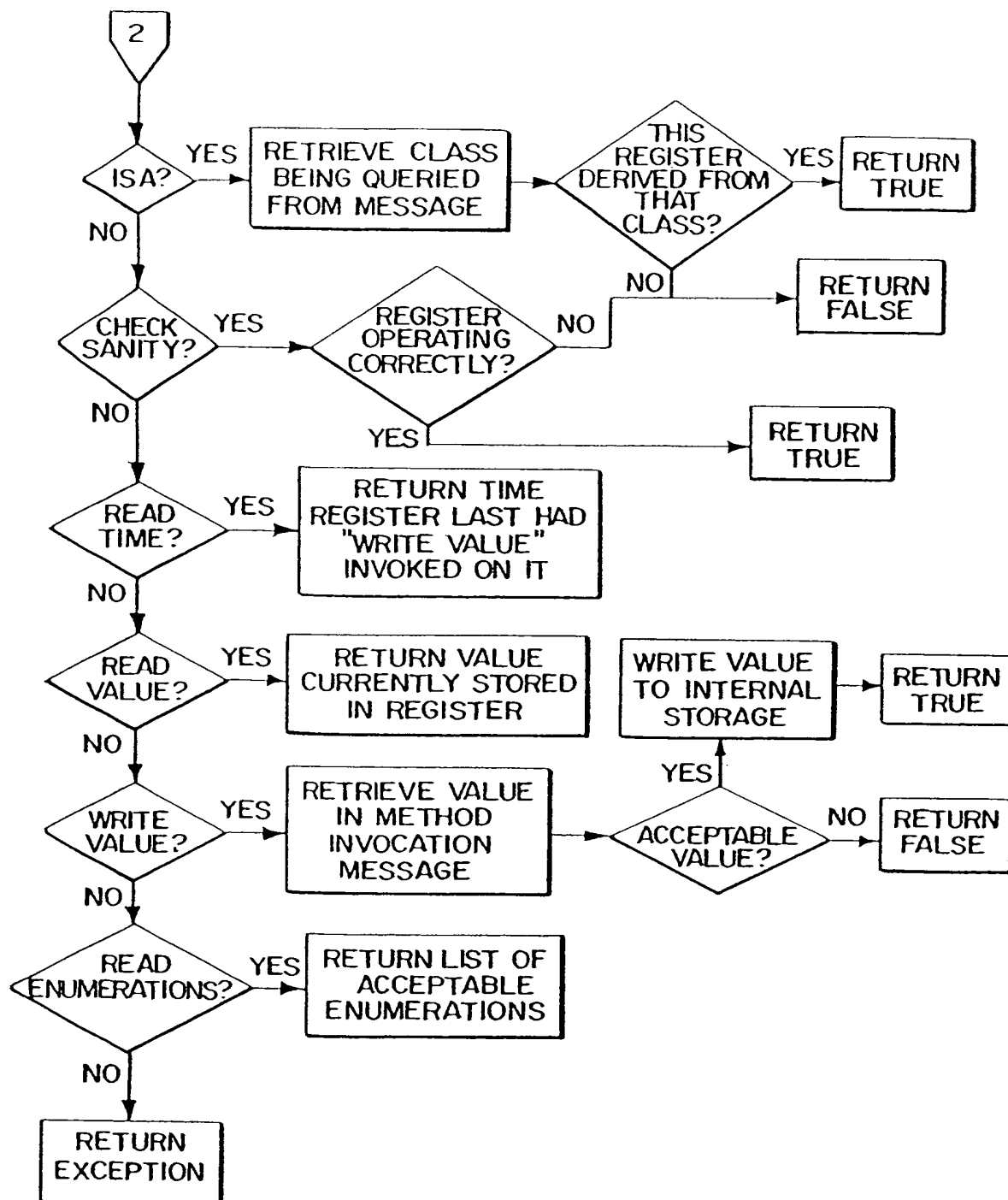
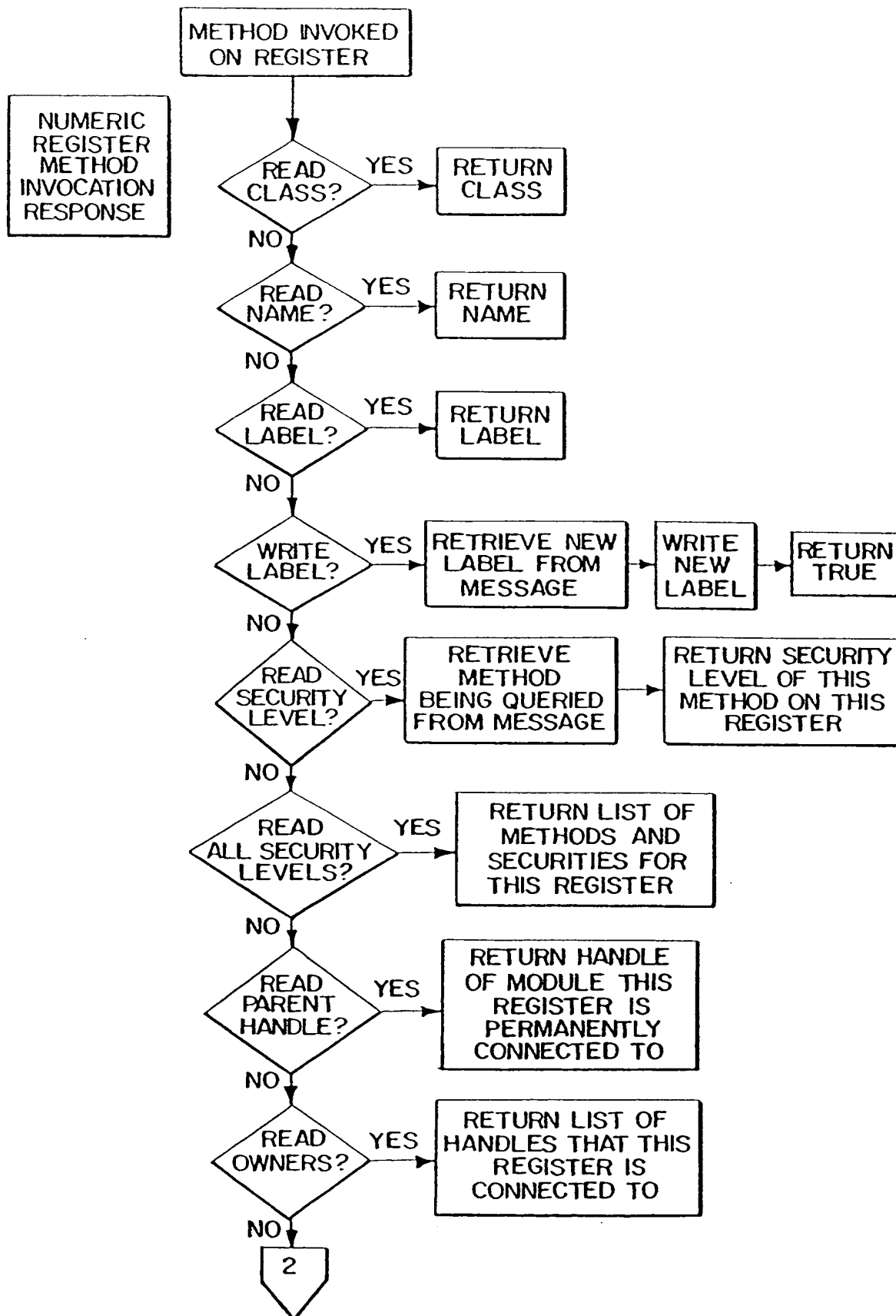


FIG. 29A



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FIG. 29B

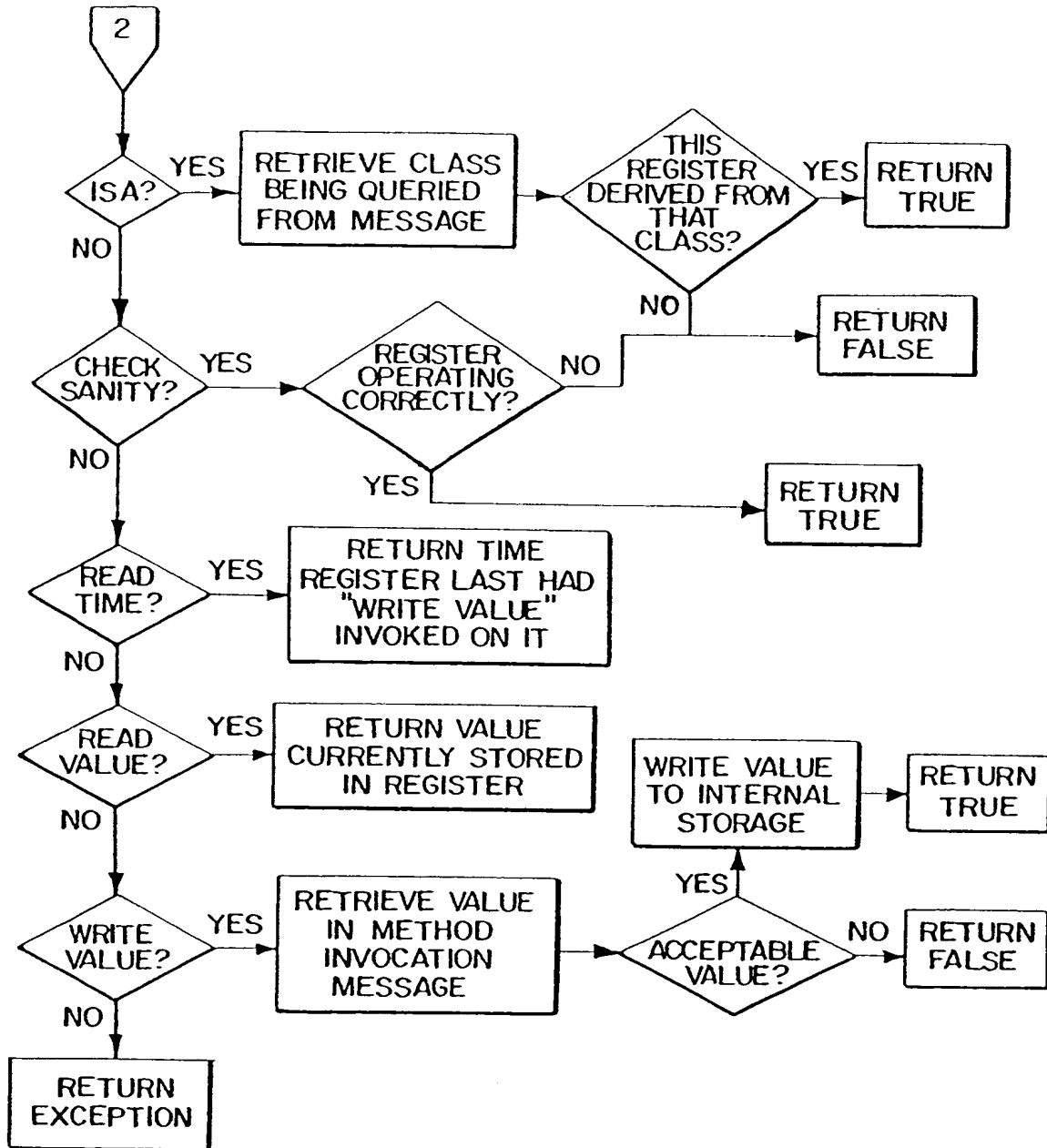


FIG. 30A

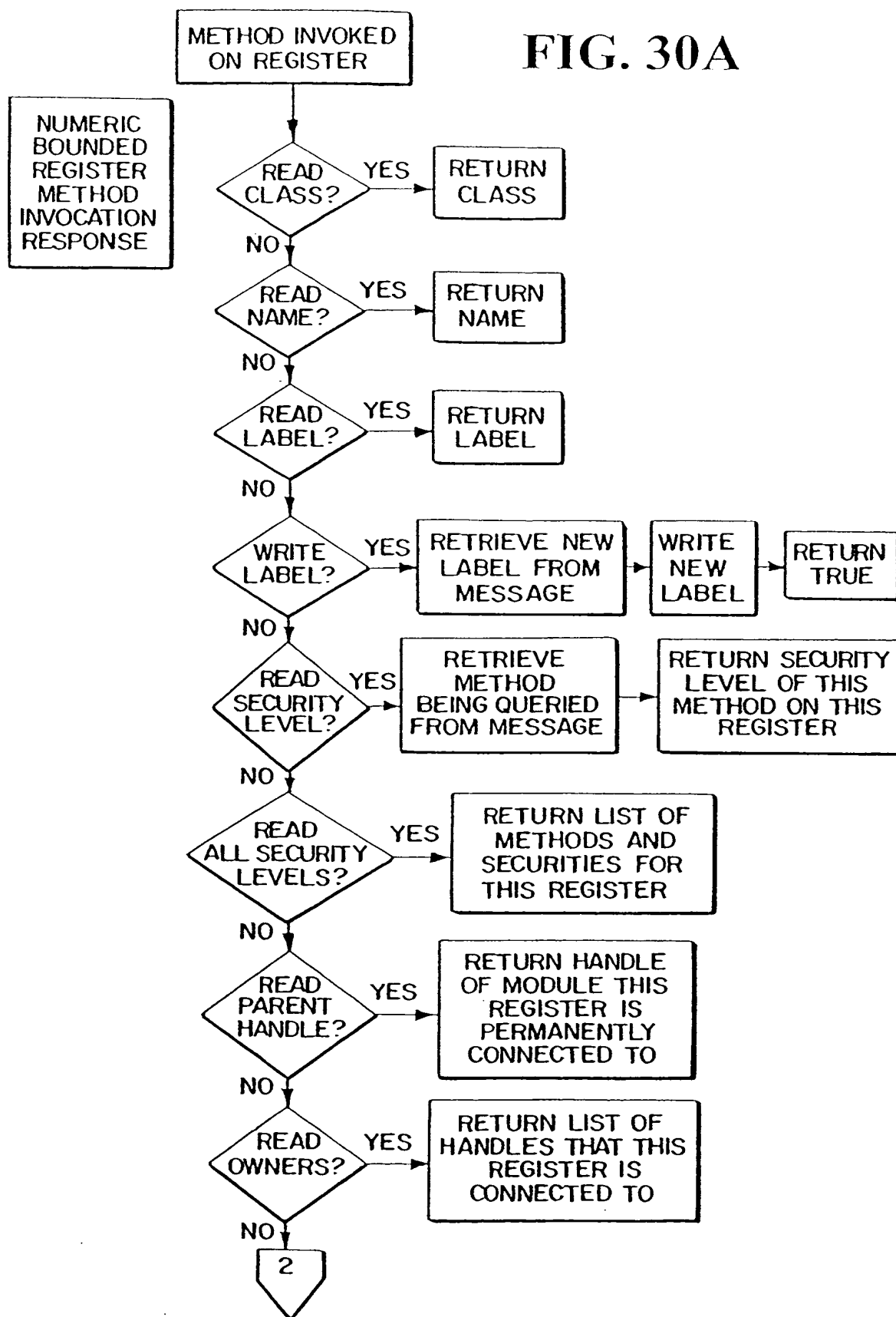
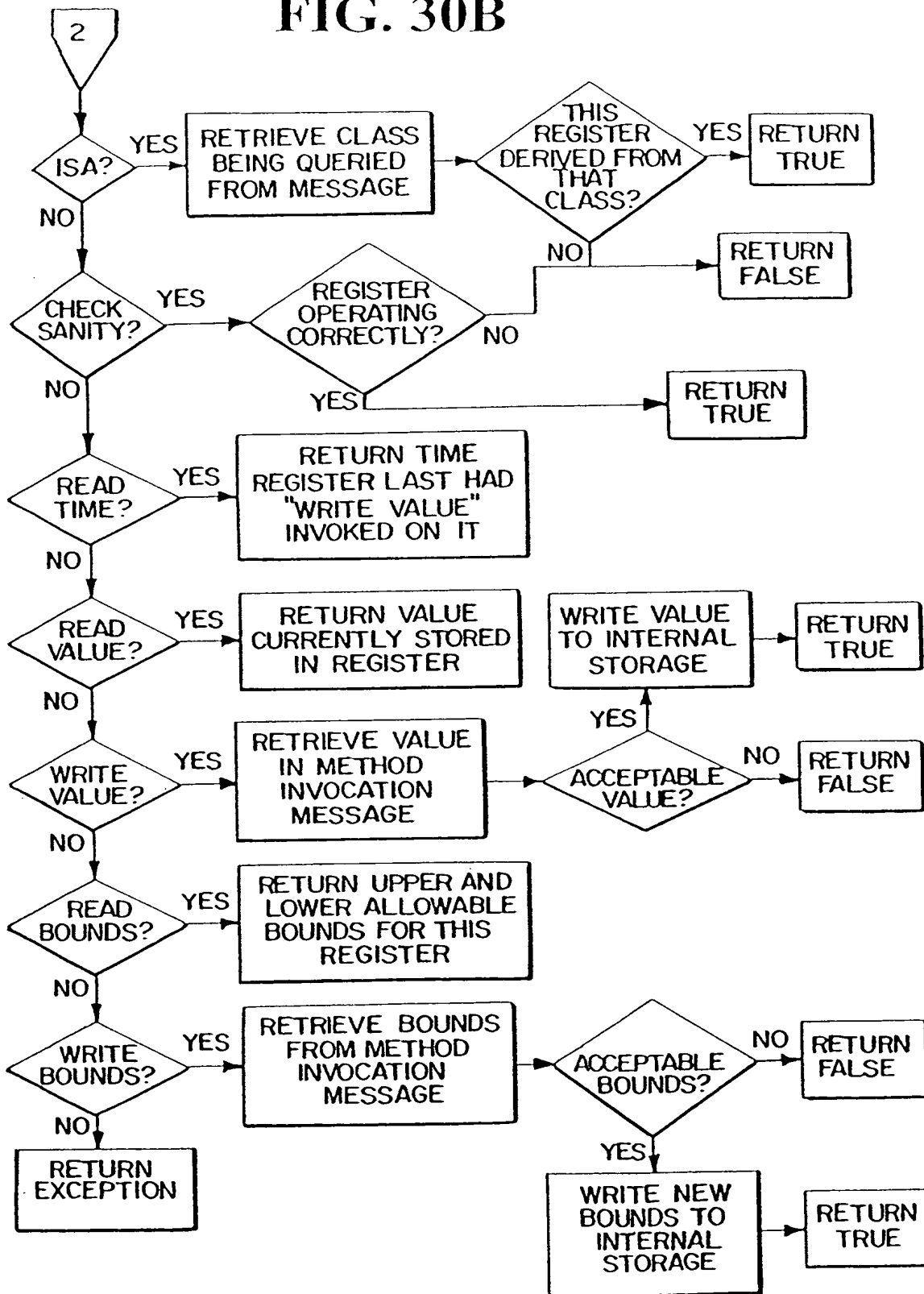
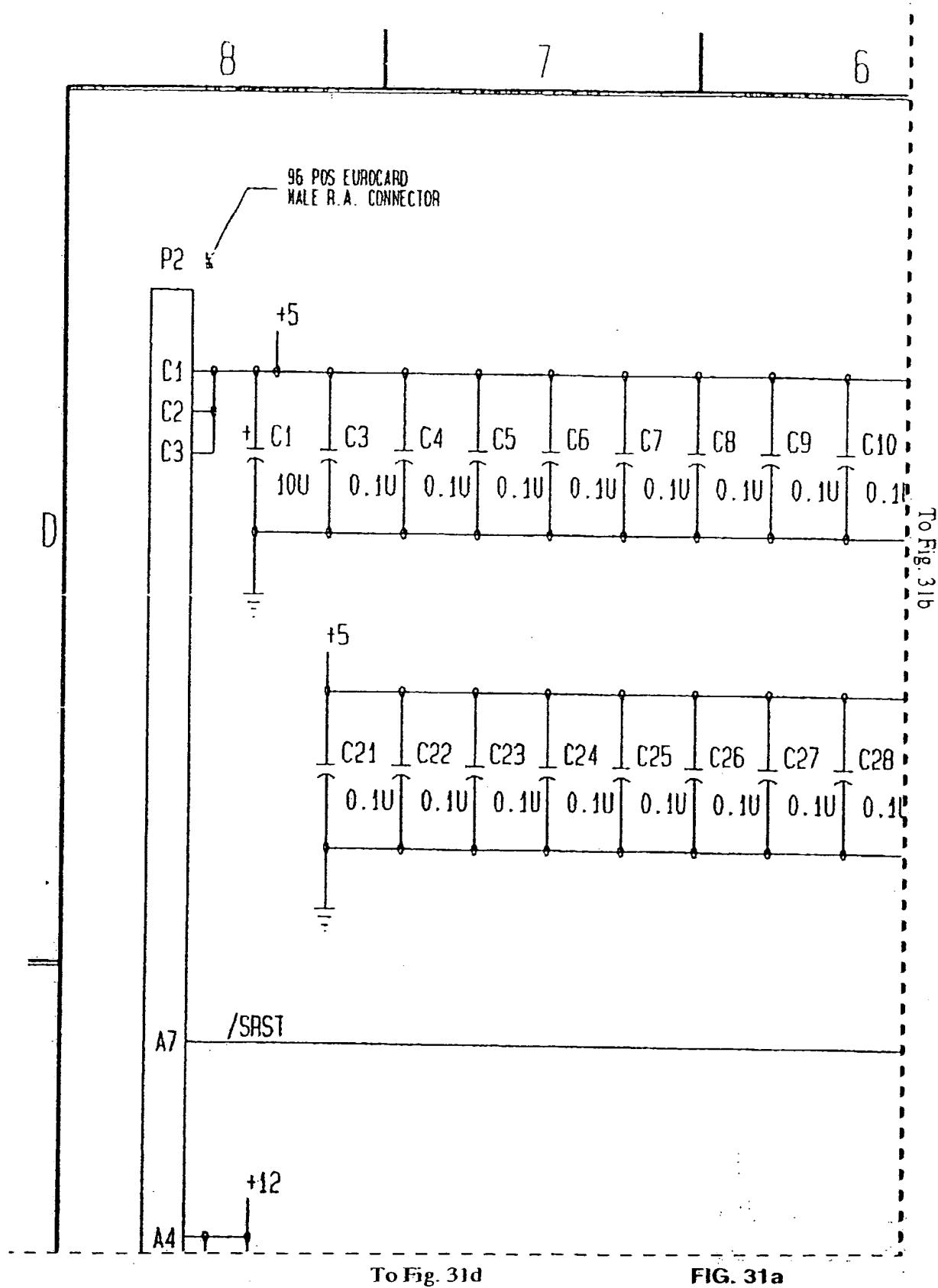


FIG. 30B





Patent Application for: PHASOR TRANSDUCER APPARATUS AND SYSTEM FOR PROTECTION, CONTROL, AND
MANAGEMENT OF ELECTRICITY DISTRIBUTION SYSTEMS

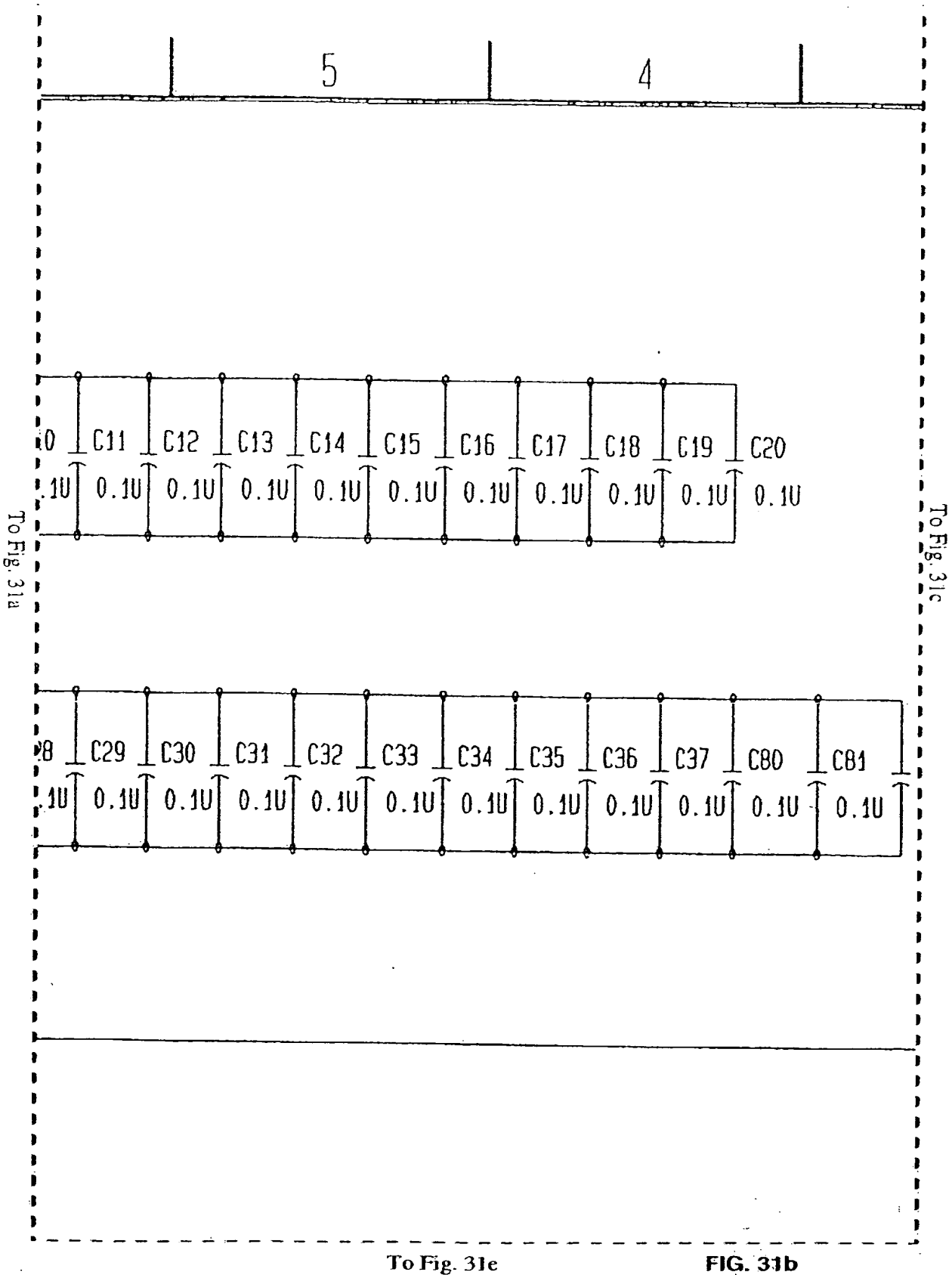
Inventor(s): Ronald G. Hart

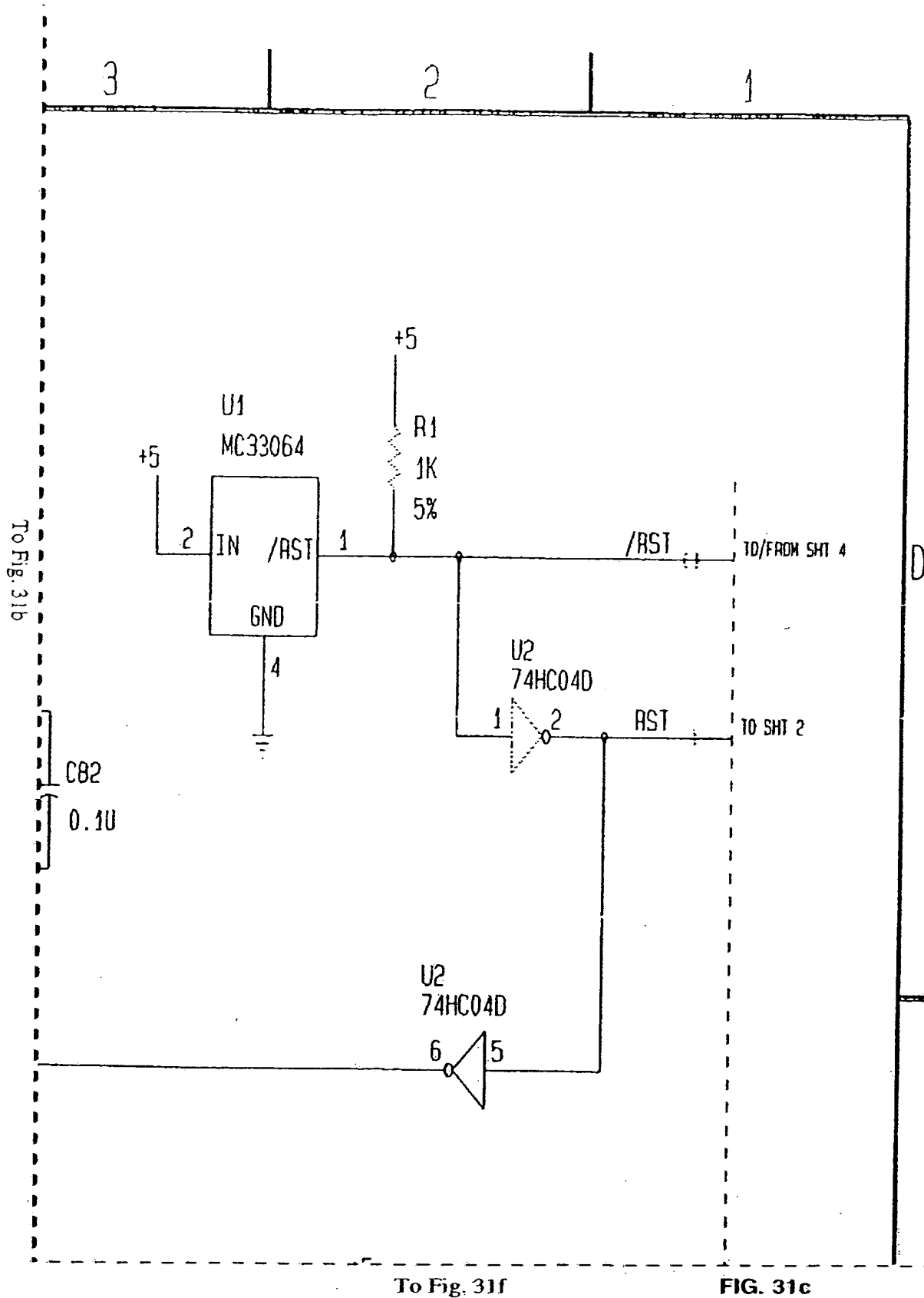
Attorney Docket No. 627076, Serial No. 10/068,431

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6270/110

10/613.701



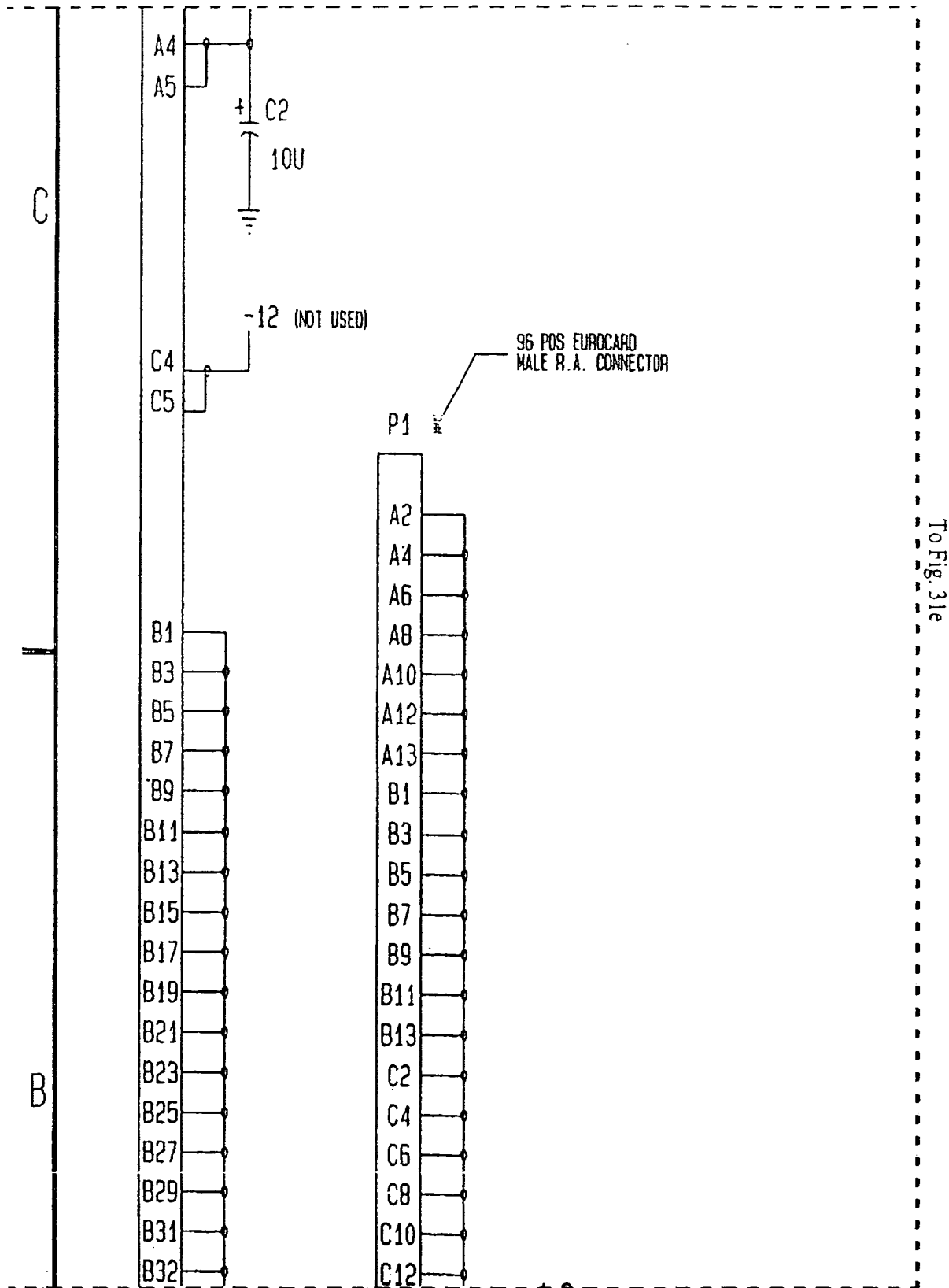


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6270/110

10/613,701

To Fig. 31a



To Fig. 31e

To Fig. 31g

FIG. 31d

Patent Application for: PHASOR TRANSDUCER APPARATUS AND SYSTEM FOR PROTECTION, CONTROL, AND
MANAGEMENT OF ELECTRICITY DISTRIBUTION SYSTEMS

Inventor(s): Ronald G. Hart
Attorney Docket No. 627076, Serial No. 10/068,431

68 67207

627076/110

10/613,701

To Fig. 31b

To Fig. 31f

To Fig. 31d

To Fig. 31h

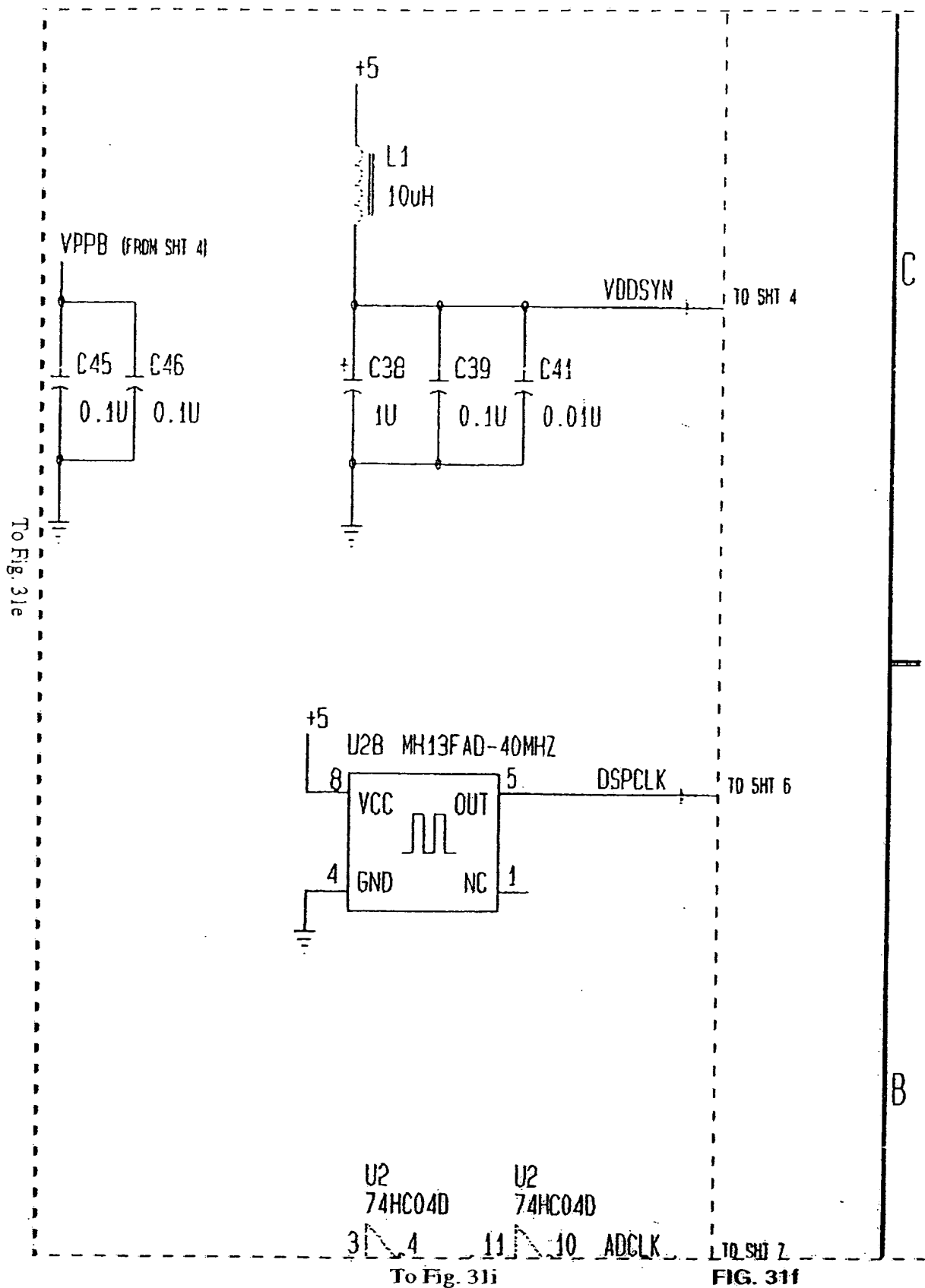
FIG. 31e

6270/110

12/613,701

69 08 207

To Fig. 31c

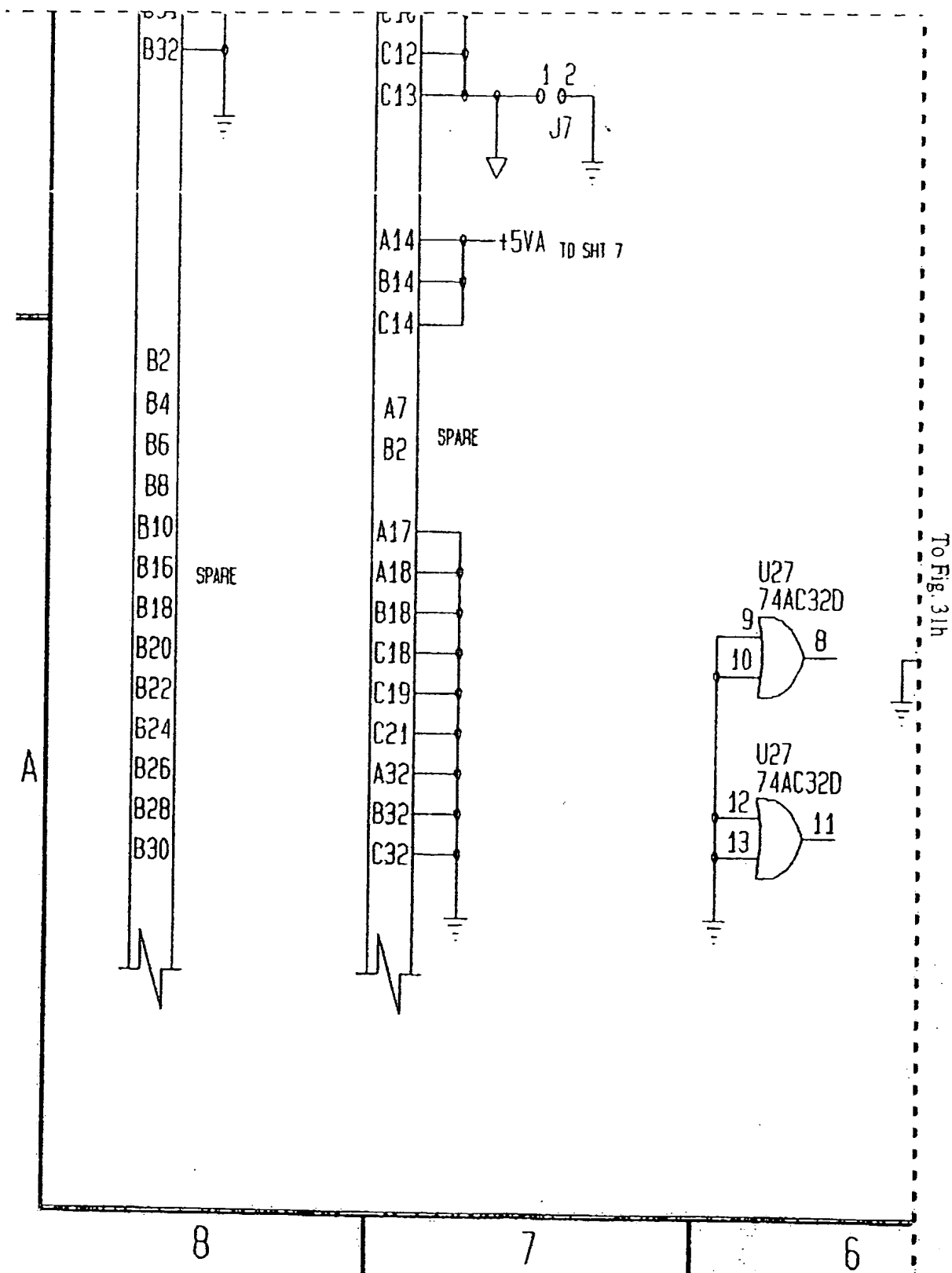


6270/110

10/613,701

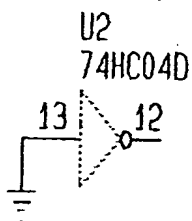
706307

To Fig. 31d



To Fig. 31e

To Fig. 31g



To Fig. 31i

This schematic
proprietary
configuration
are issued in
or use shall
of CD Power

5

4

FIG. 31h

Inventor(s): Ronald G. Hart

Attorney Docket No. 6270776, Serial No. 10/068,431

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10/613,701

72 6 207

To Fig. 31f

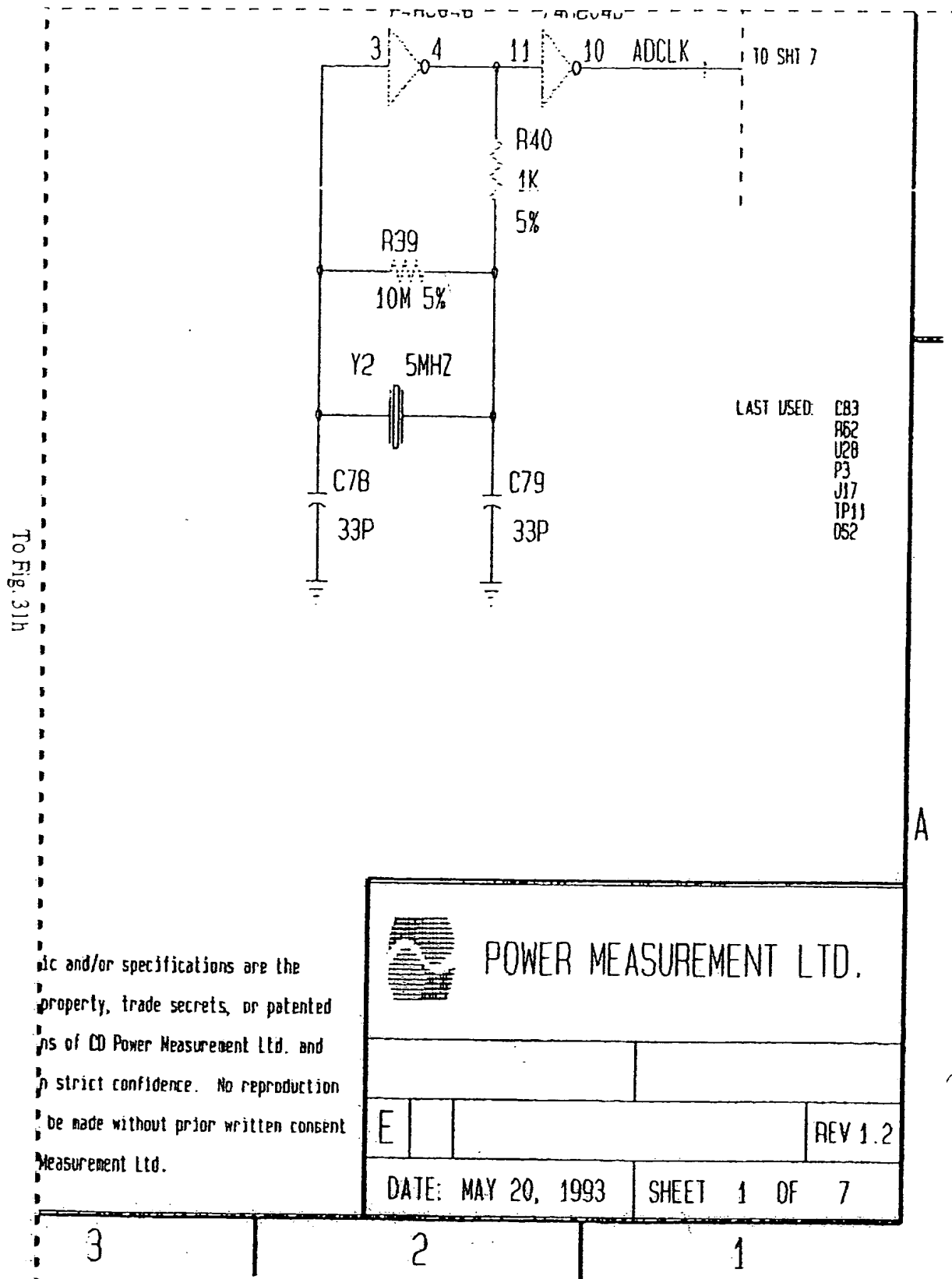


FIG. 31i

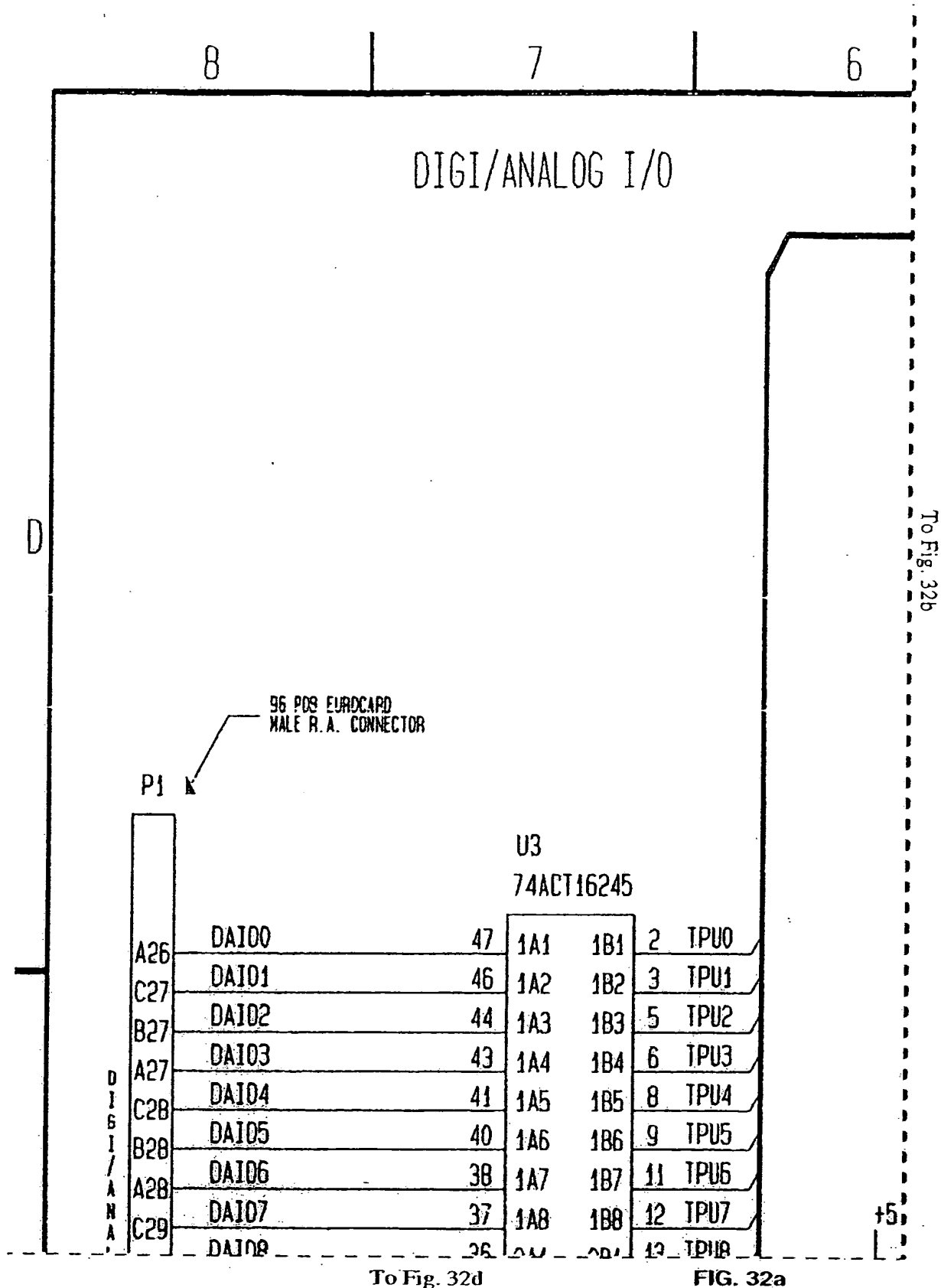
Inventor(s): Ronald G. Hart

Attorney Docket No. 6270/76, Serial No. 10/068,431

7307207

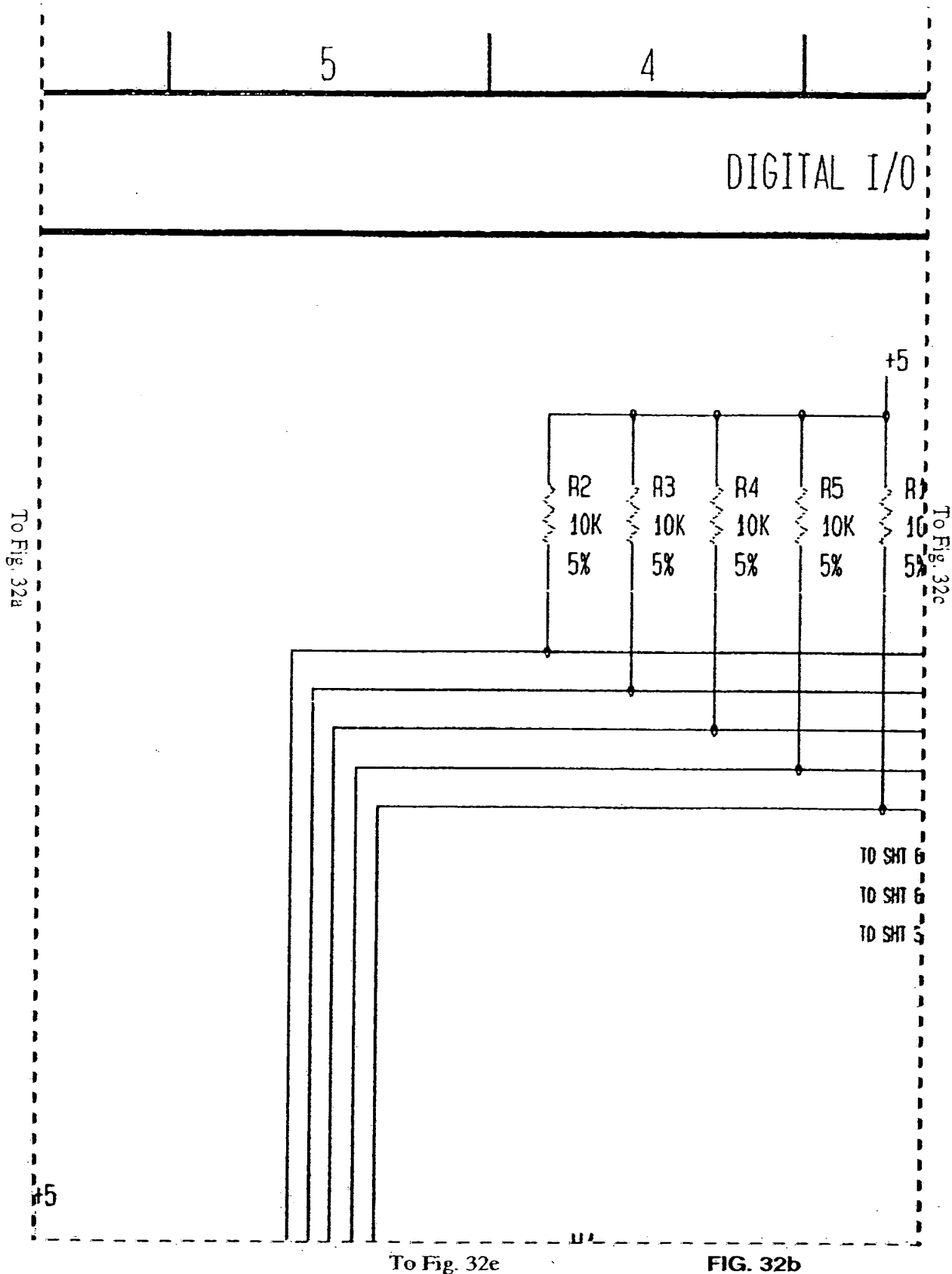
6270/110

10/613,701



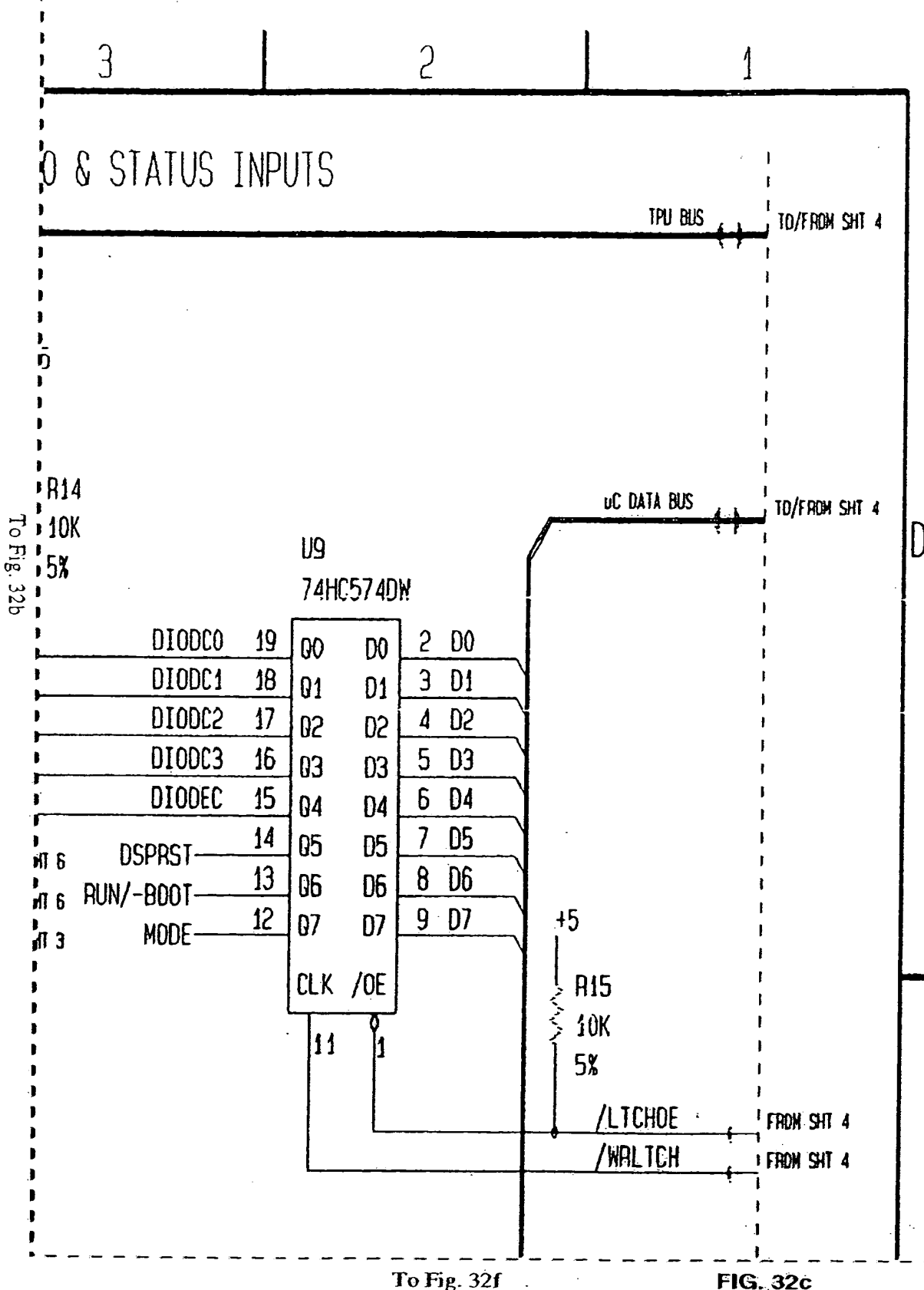
To Fig. 32d

FIG. 32a

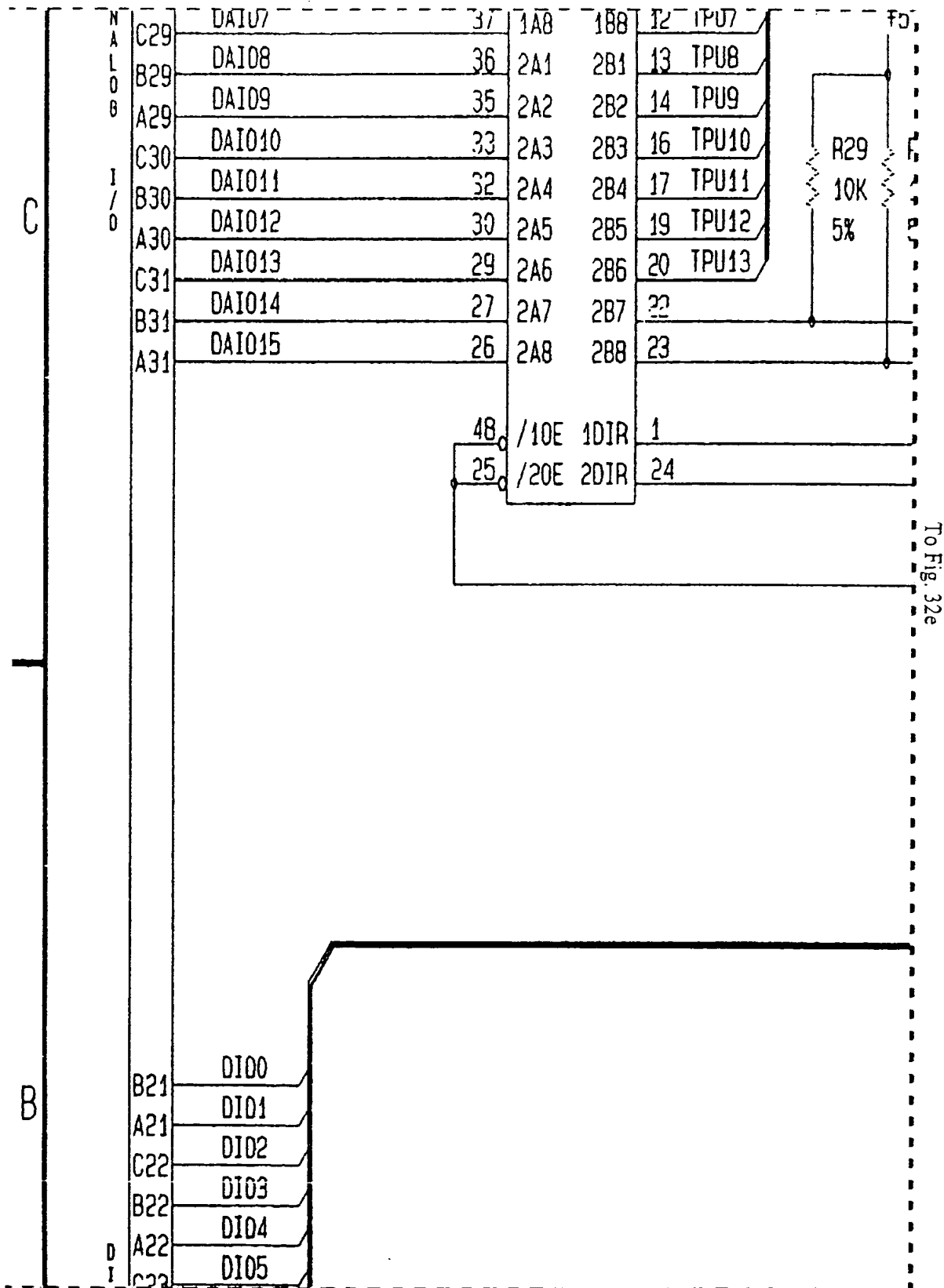


To Fig. 32e

FIG. 32b



To Fig. 32a

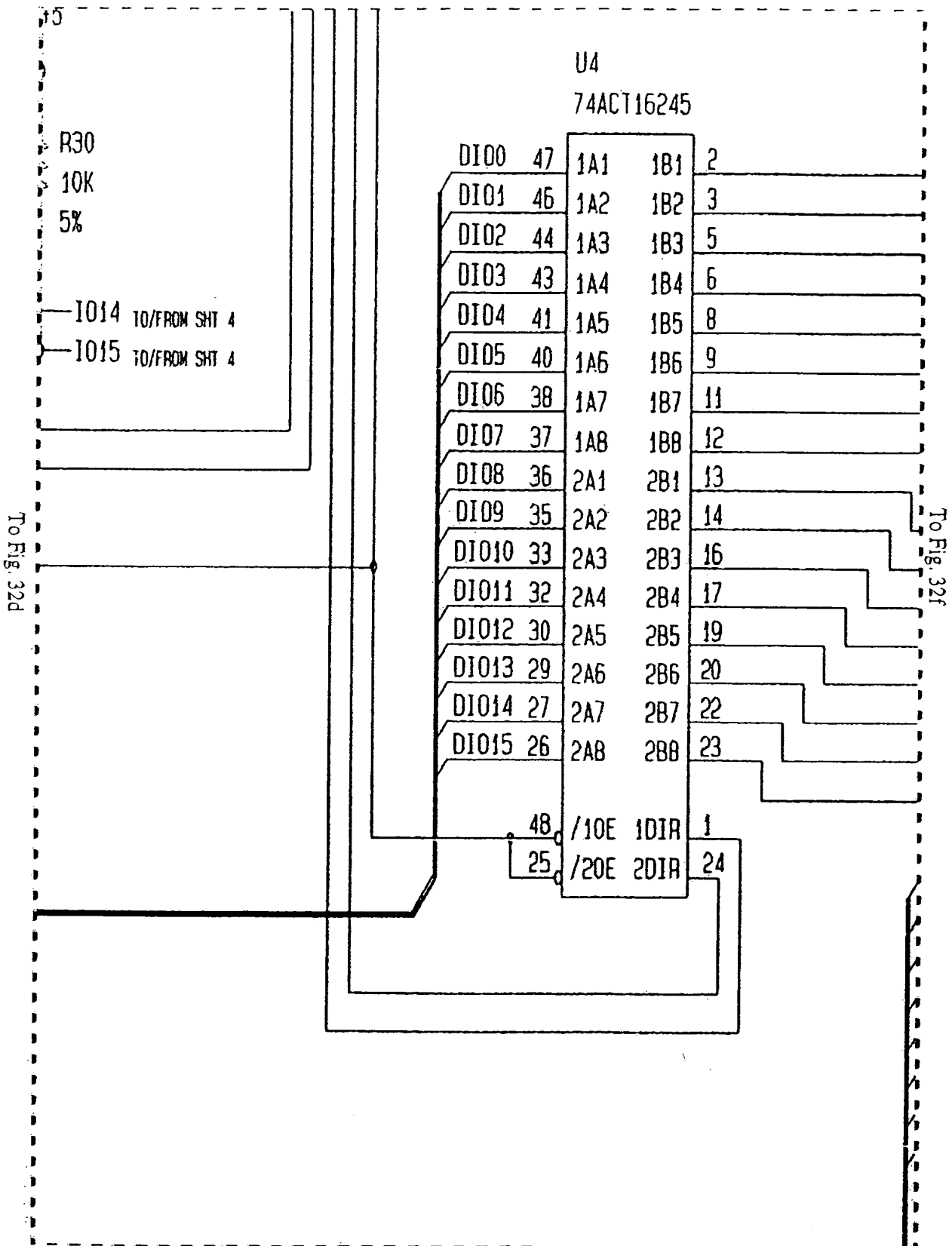


To Fig. 32e

To Fig. 32g

FIG. 32d

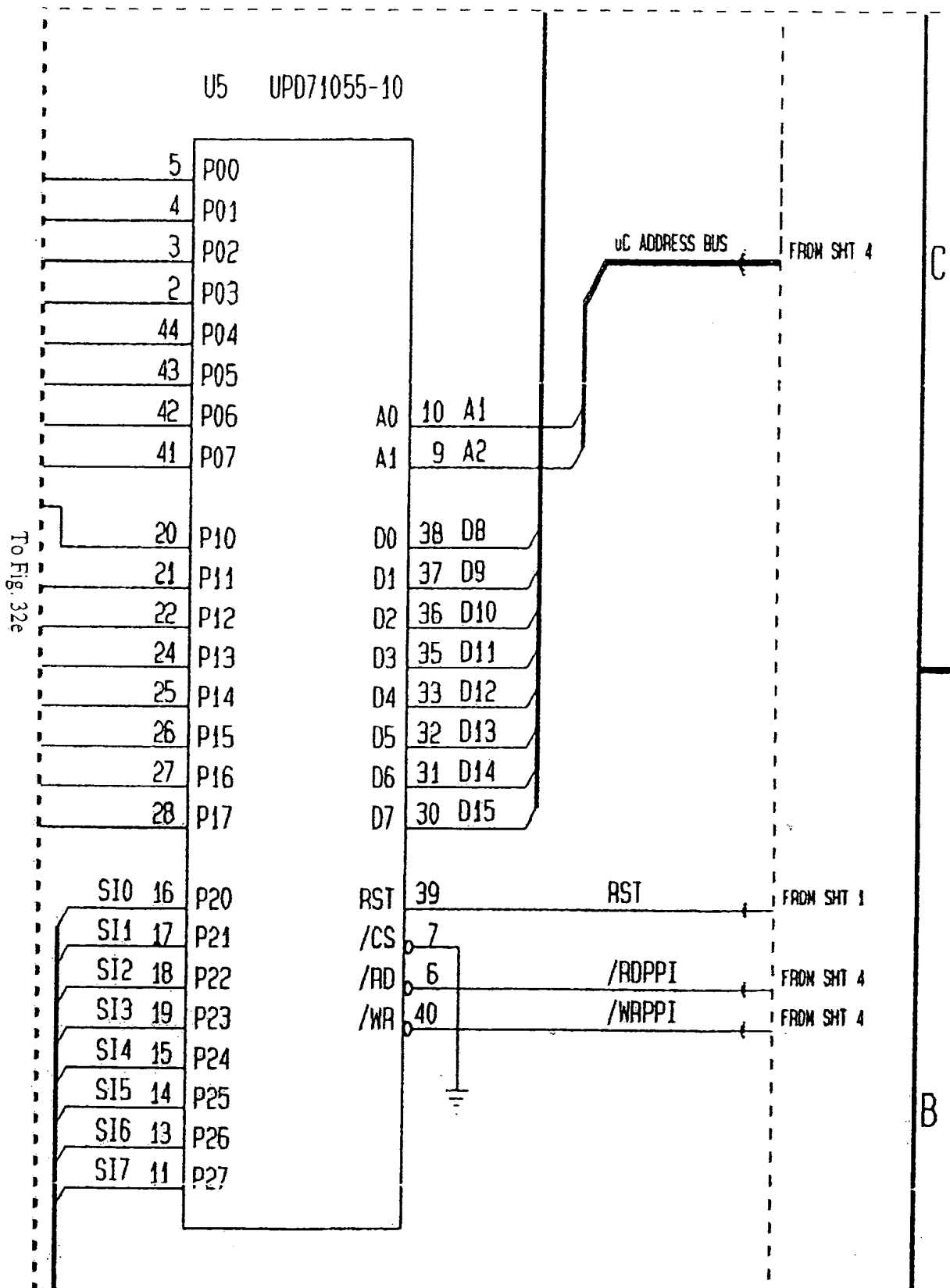
To Fig. 32b



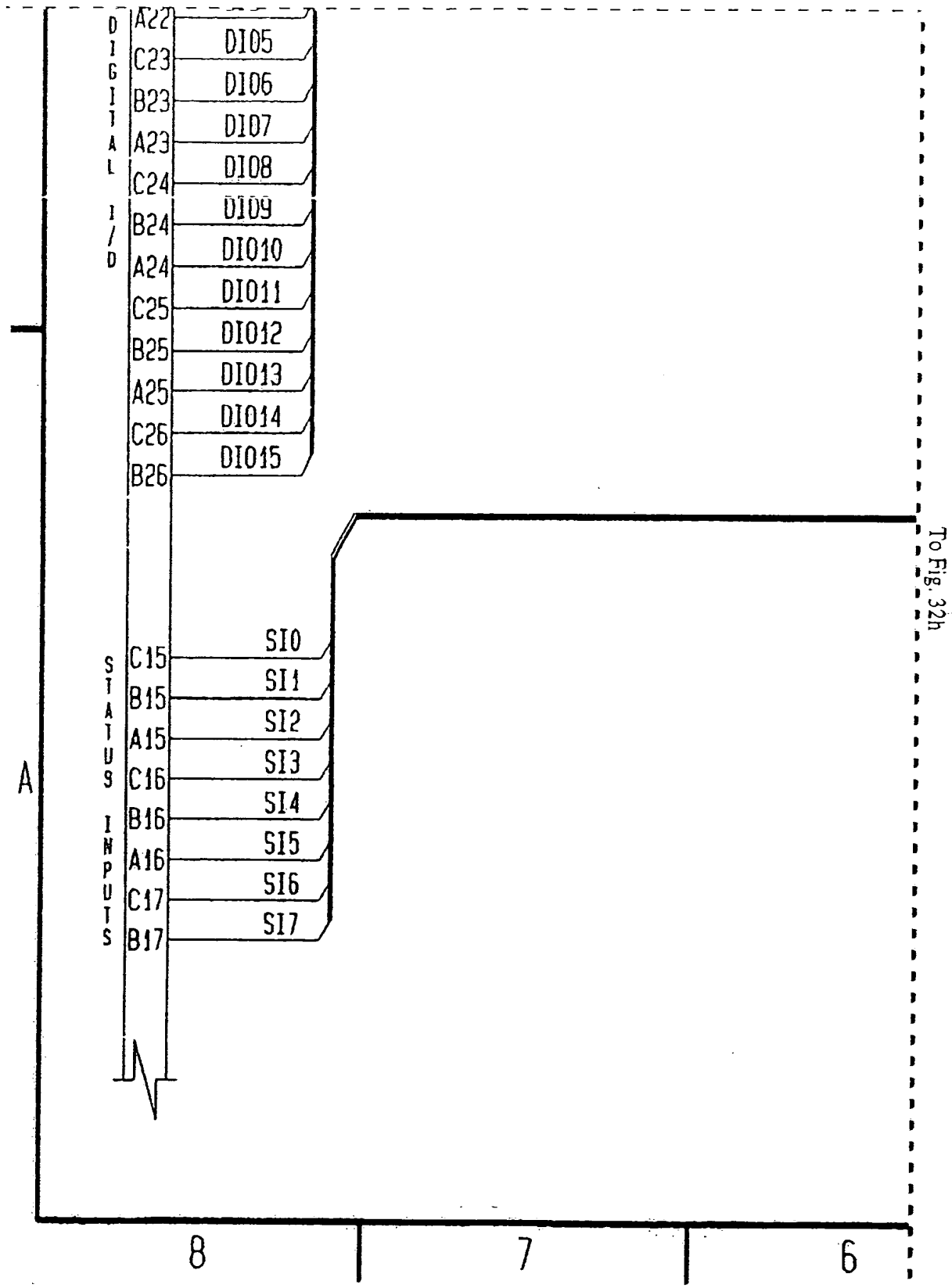
To Fig. 32b

FIG. 32e

To Fig. 32c



To Fig. 32d



Patent Application for: PHASOR TRANSDUCER APPARATUS AND SYSTEM FOR PROTECTION, CONTROL, AND
MANAGEMENT OF ELECTRICITY DISTRIBUTION SYSTEMS

Inventor(s): Ronald G. Hart

Attorney Docket No. 627076, Serial No. 10/068,431

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627076

10/613,701

To Fig. 32e

To Fig. 32g

To Fig. 32i

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configuration
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FIG. 32h


Patent Application for: PHASOR TRANSDUCER APPARATUS AND SYSTEM FOR PROTECTION, CONTROL, AND
MANAGEMENT OF ELECTRICITY DISTRIBUTION SYSTEMS

Inventor(s): Ronald G. Hart
 Attorney Docket No. 6270/76, Serial No. 10/068,437
 6270/110 81 86307 10/613,701

To Fig. 32f

To Fig. 32h

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FIG. 32i

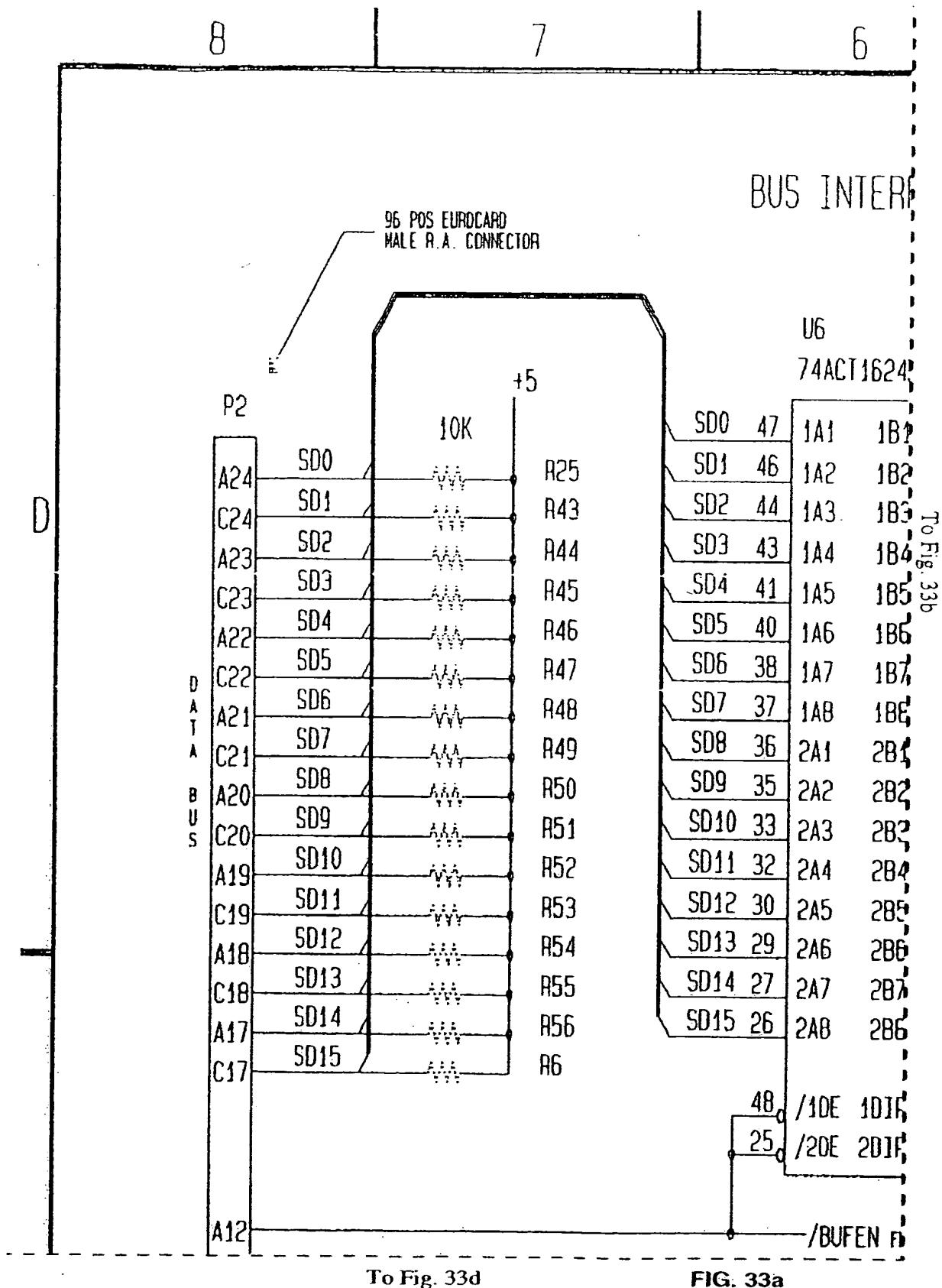
Inventor(s): Ronald G. Hart

Attorney Docket No. 62707/6, Serial No. 10/068,431

62707/10

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82 06 207



To Fig. 33d

FIG. 33a

Patent Application for: PHASOR TRANSDUCER APPARATUS AND SYSTEM FOR PROTECTION, CONTROL, AND
MANAGEMENT OF ELECTRICITY DISTRIBUTION SYSTEMS

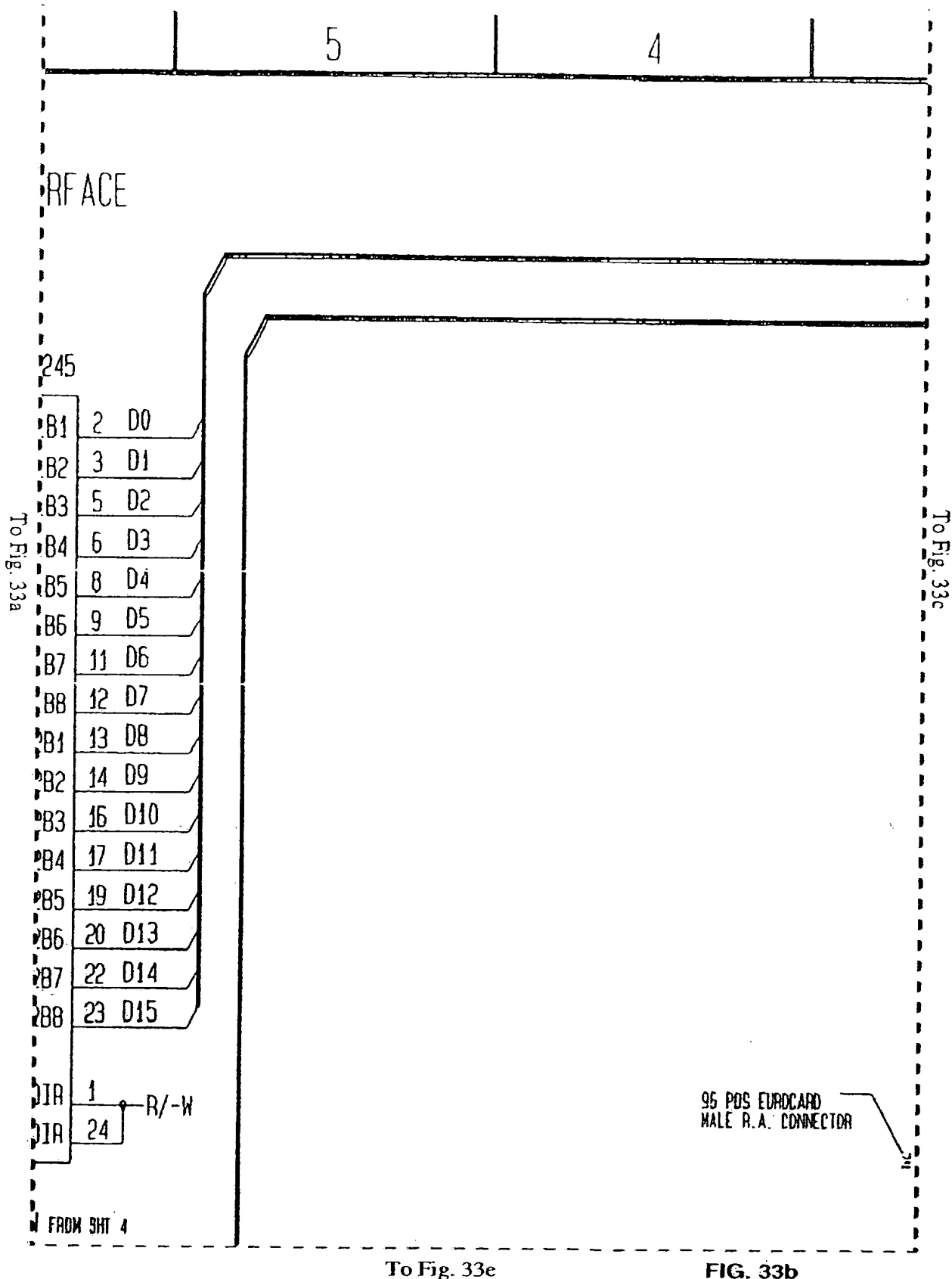
Inventor(s): Ronald G. Hart

Attorney Docket No. 627076, Serial No. 10/068,434

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43 863 07



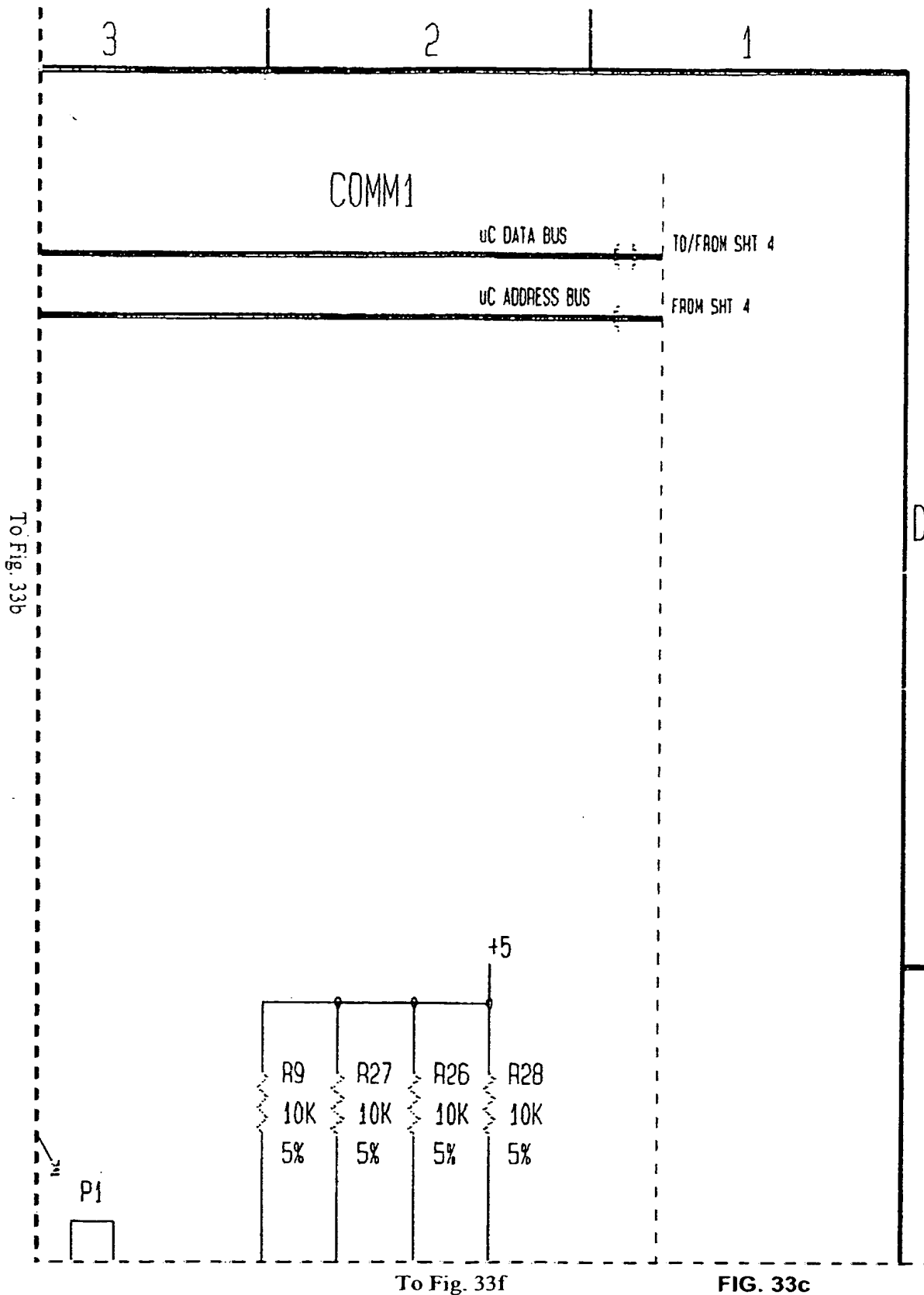
Inventor(s): Ronald G. Hart

Attorney Docket No. 627076, Serial No. 10/088,431

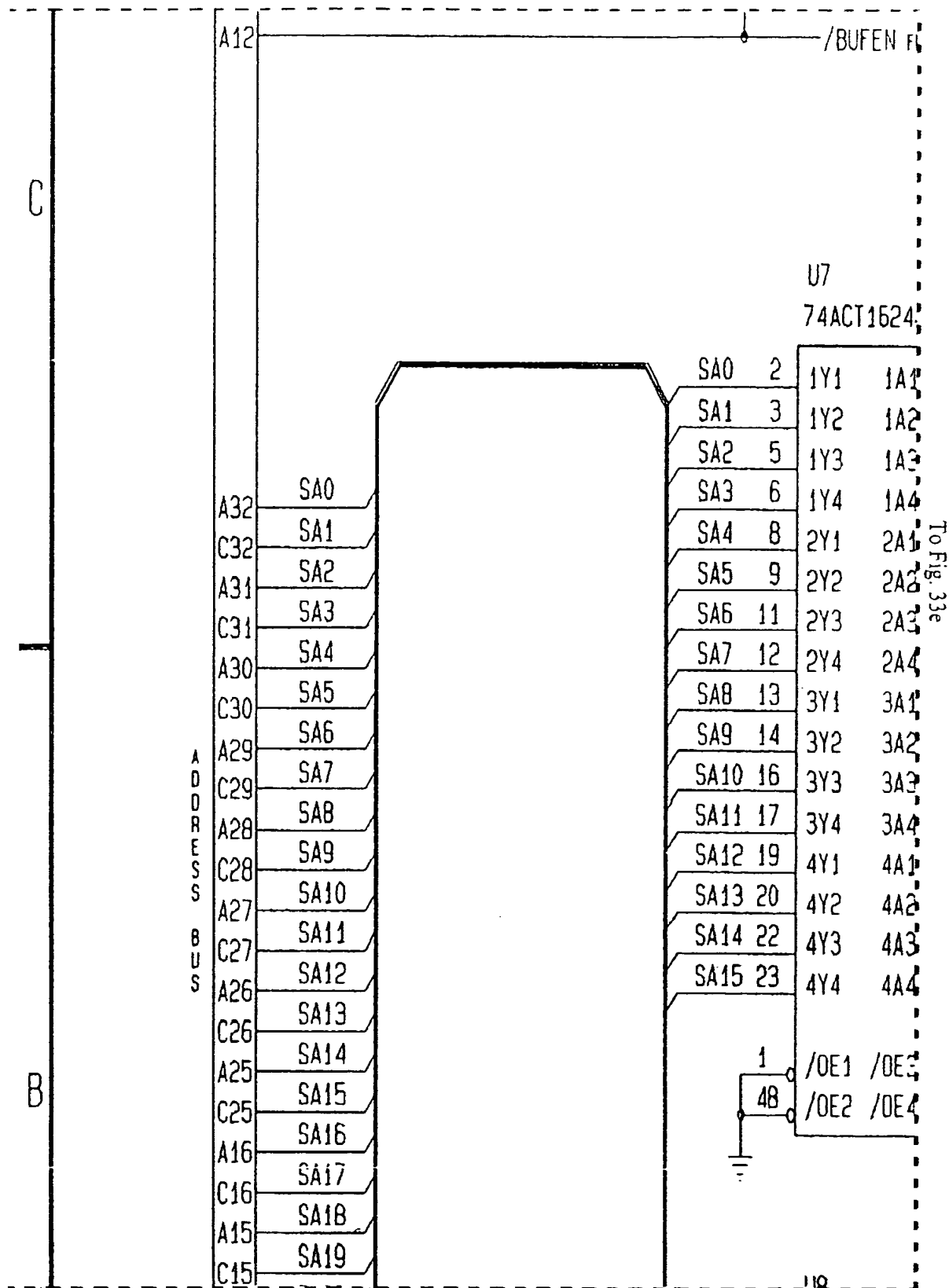
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84 26 207



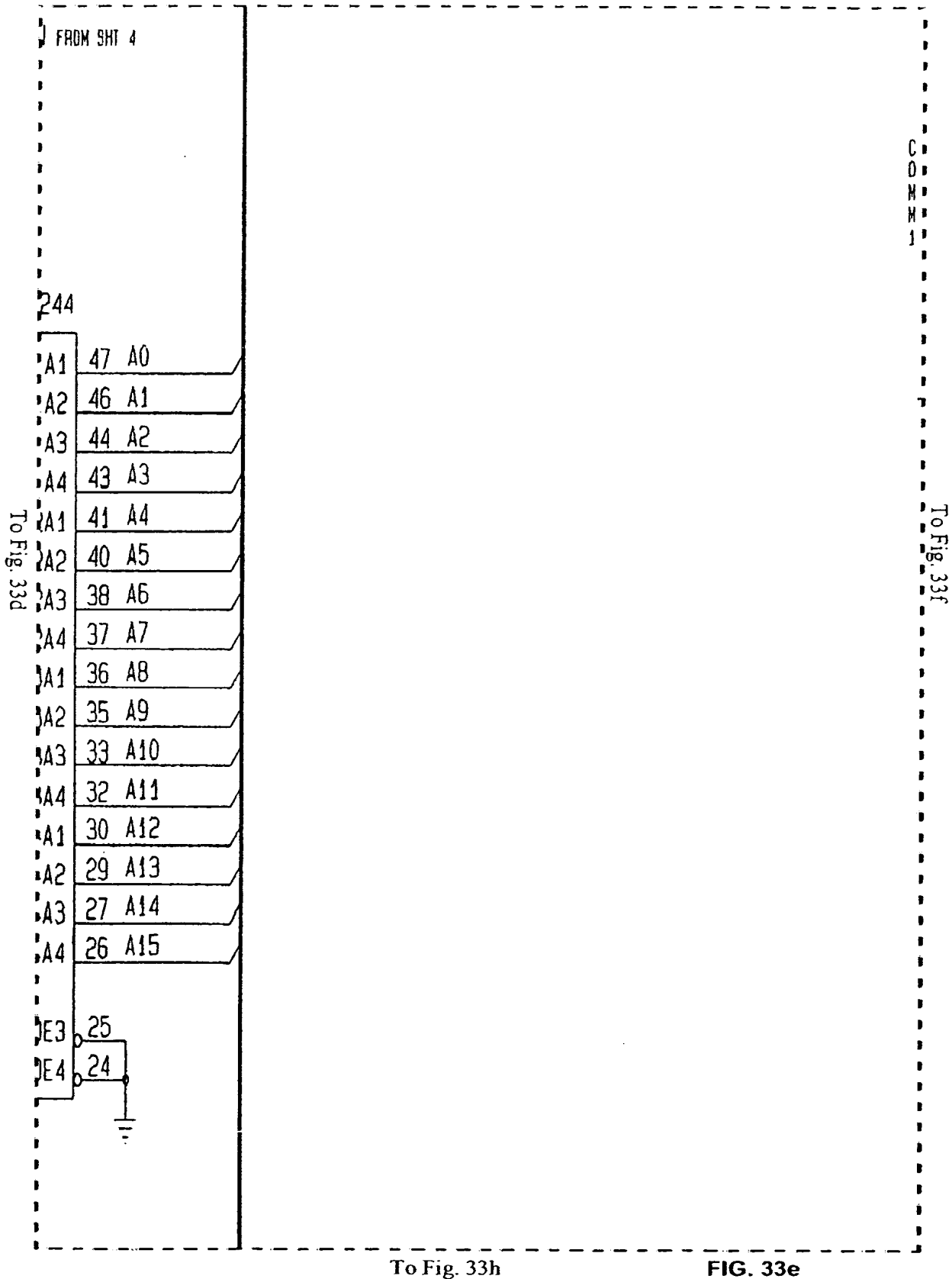
To Fig. 33a



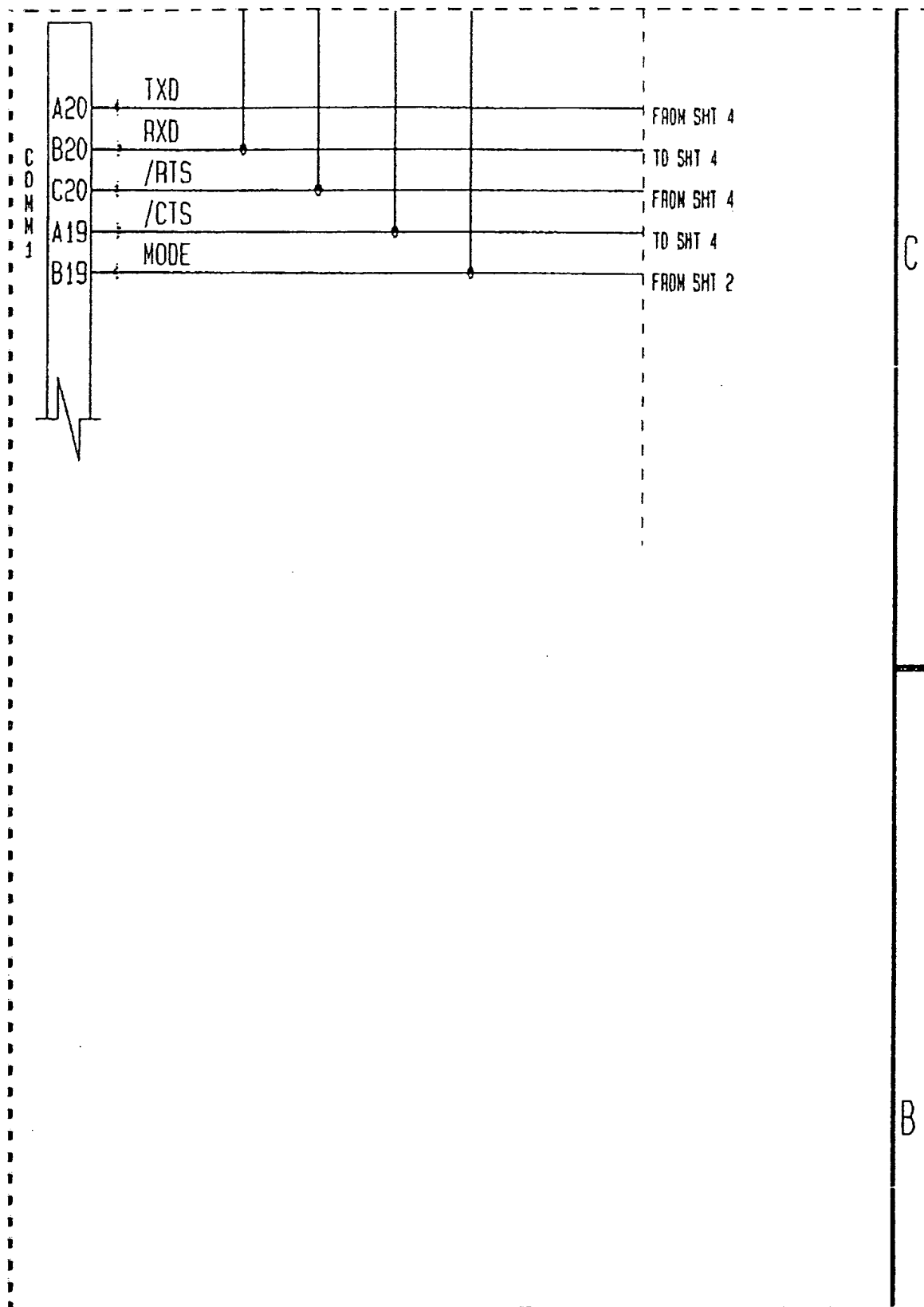
To Fig. 33g

FIG. 33d

To Fig. 33b



To Fig. 33c



To Fig. 33e

To Fig. 33d

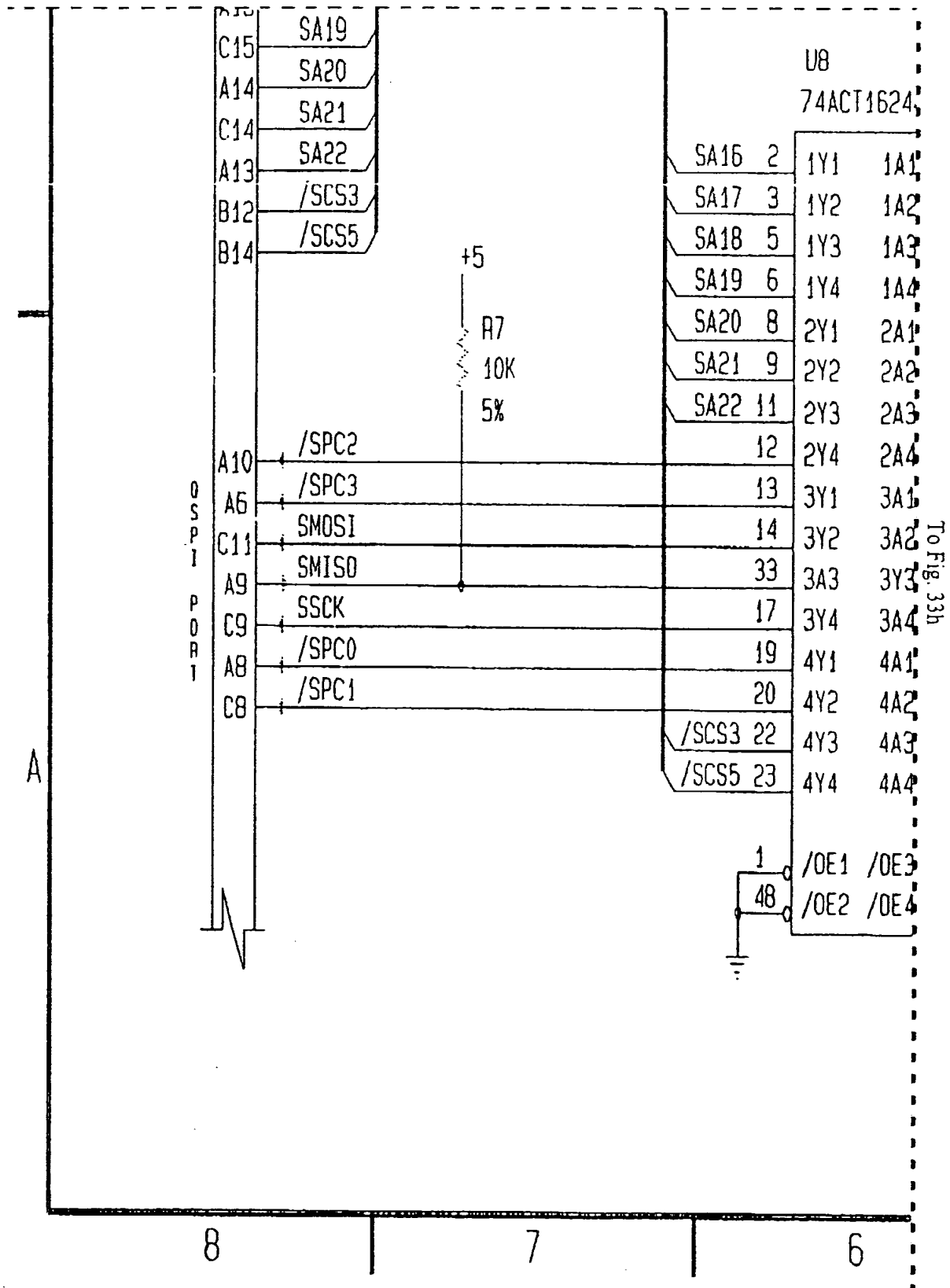


FIG. 33g

To Fig. 33e

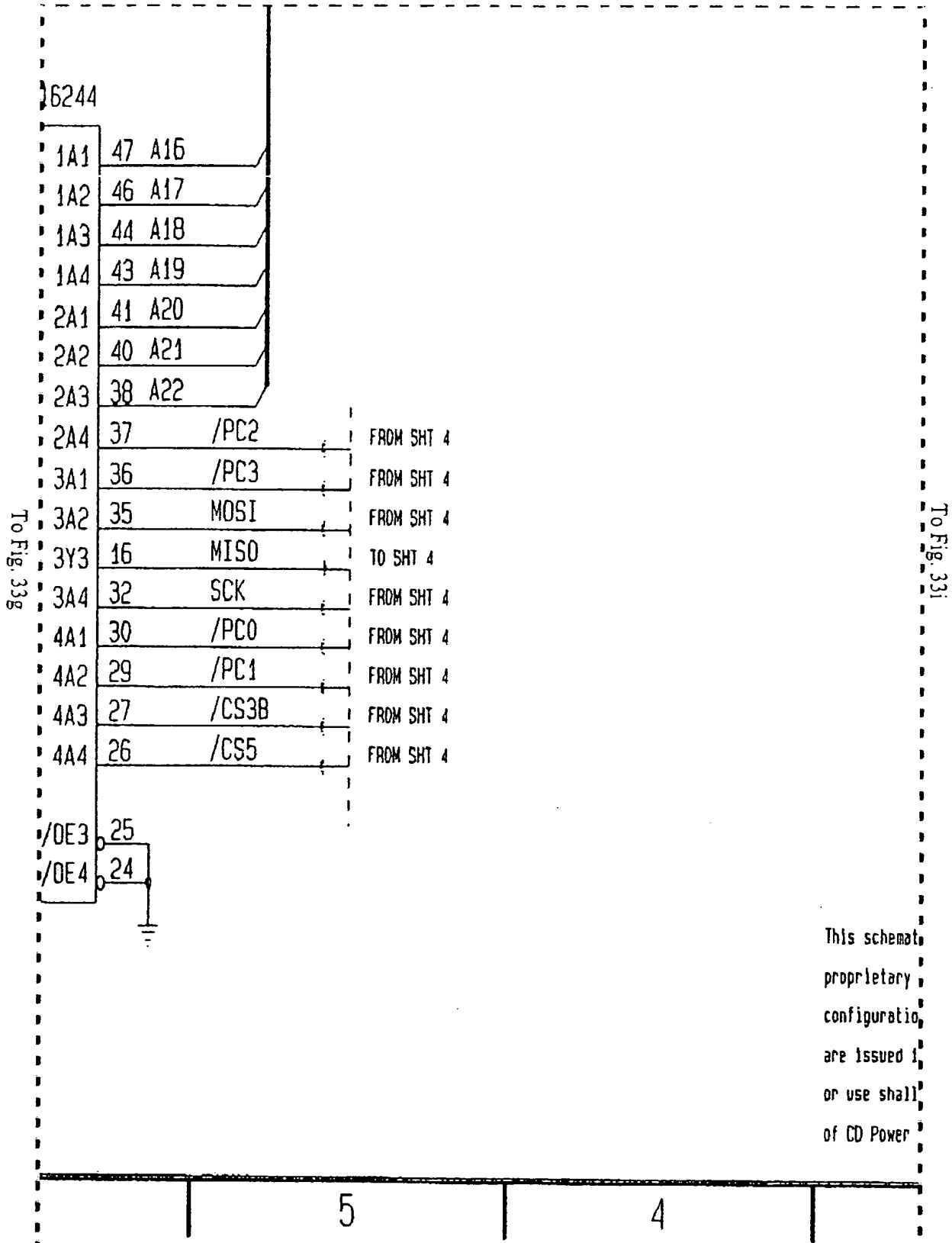


FIG. 33h

Inventor(s): Ronald G. Hart

Attorney Docket No. 627076, Serial No. 40668-431

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90 0707

To Fig. 33f

To Fig. 33h

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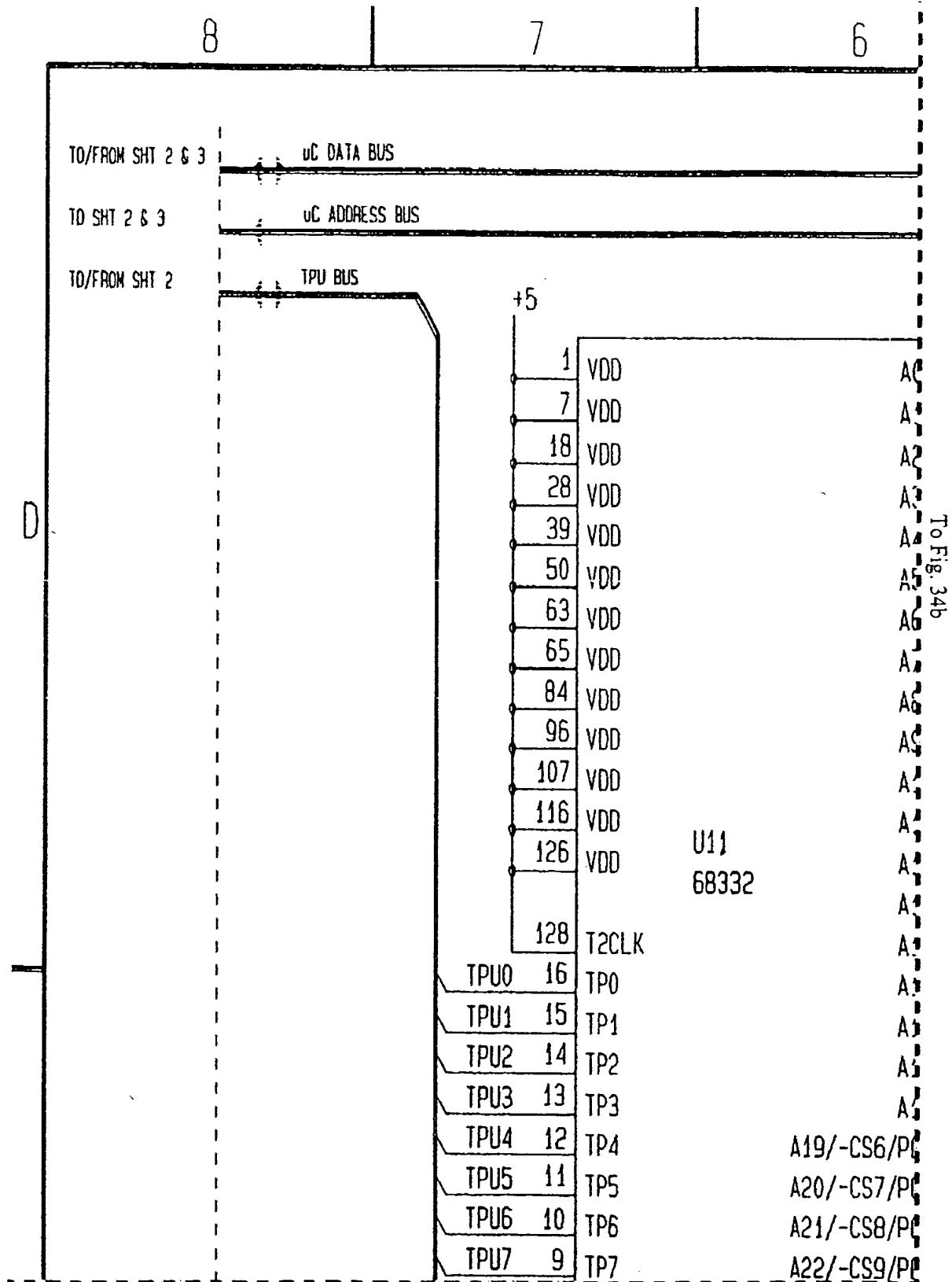
SHEET 3 OF 7

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FIG. 33i



To Fig. 34d

FIG. 34a

Attorney Docket No. ~~627076~~, Serial No. ~~10/068,431~~

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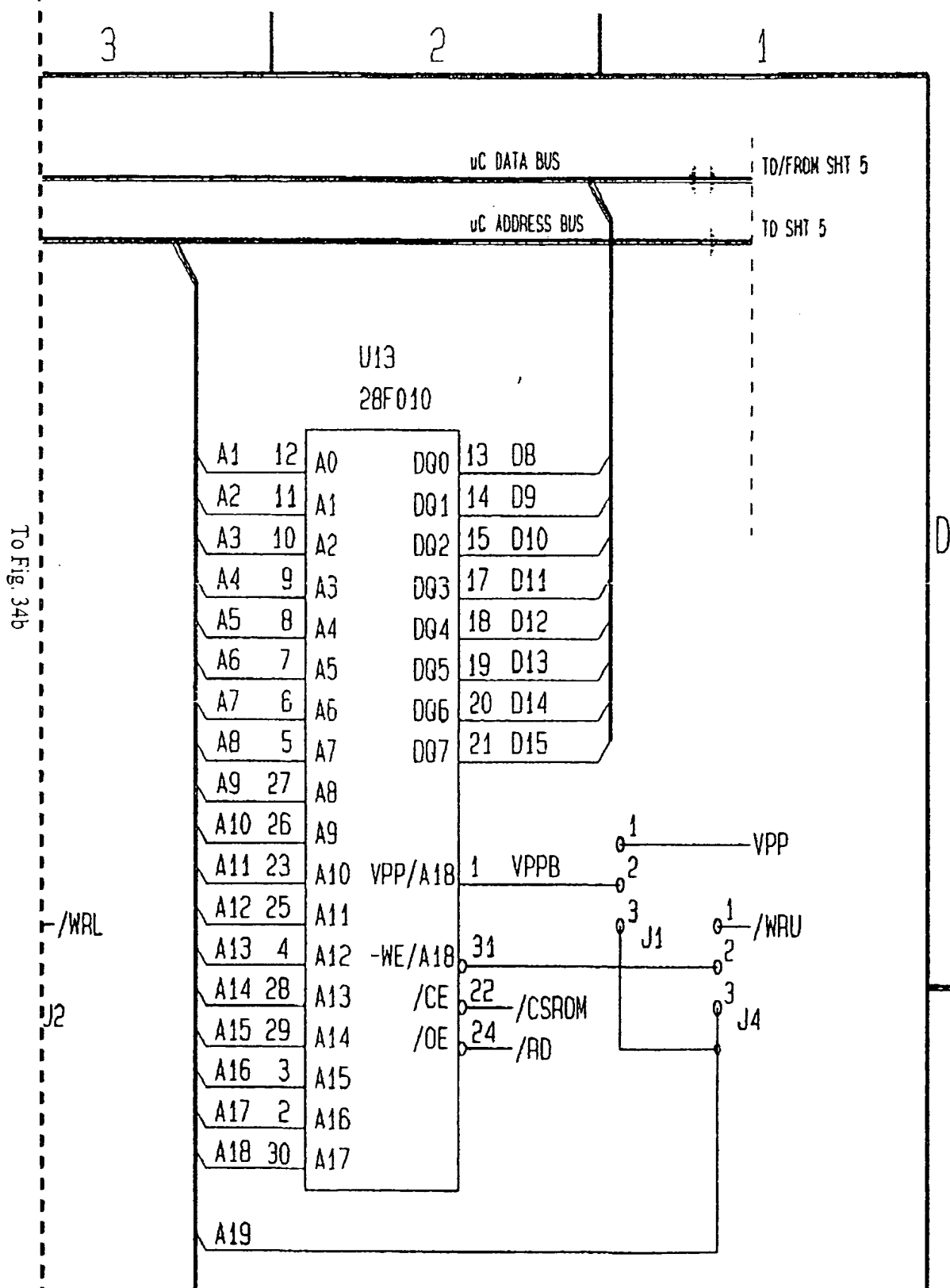
Inventor(s): Ronald G. Hart

Attorney Docket No. ~~6270/110~~, Serial No. ~~10/668,431~~

6270/110

10/613,701

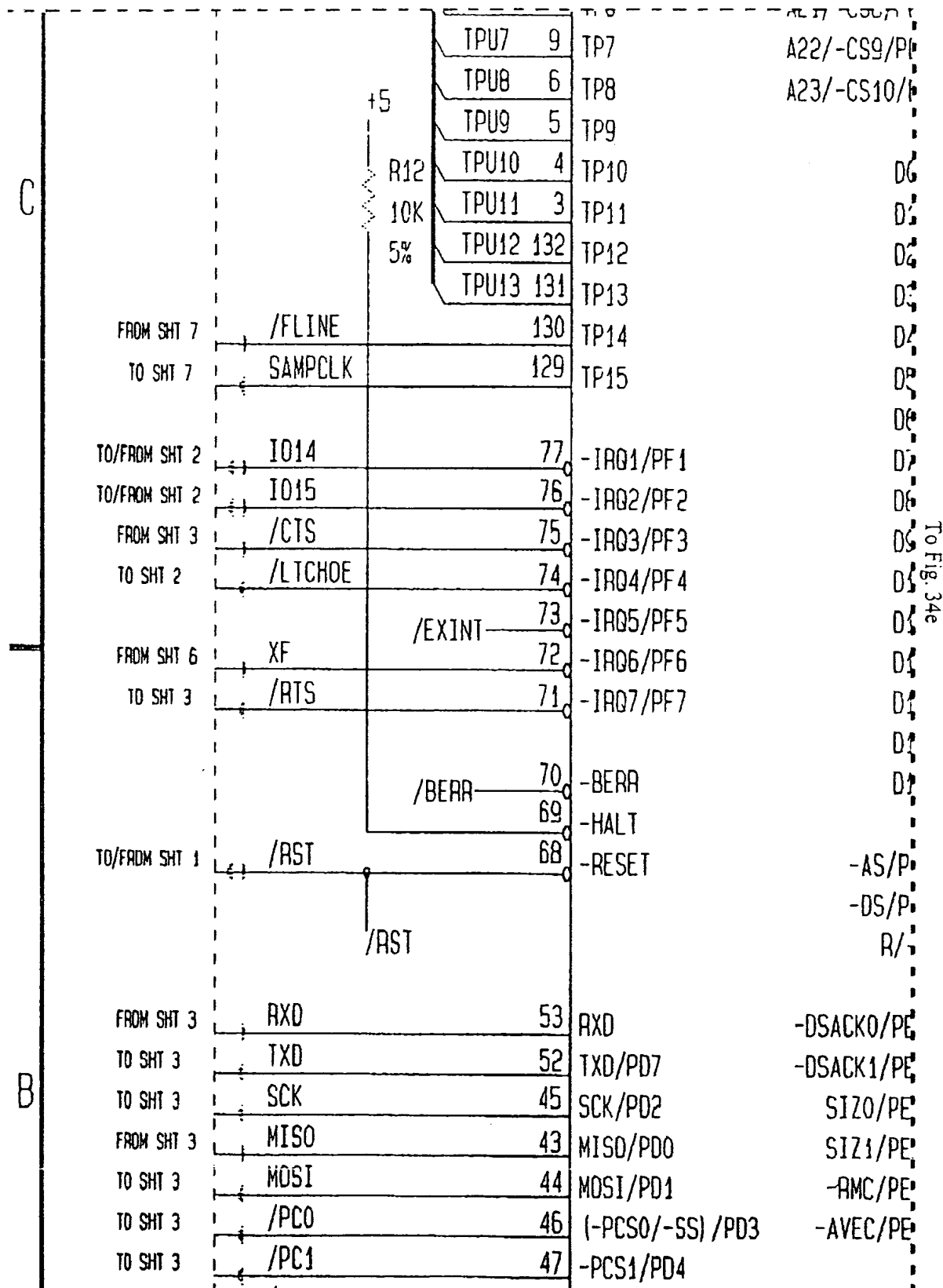
92 06 207



To Fig. 34f

FIG. 34c

To Fig. 34a



To Fig. 34g

FIG. 34d

Inventor(s): Ronald G. Hart

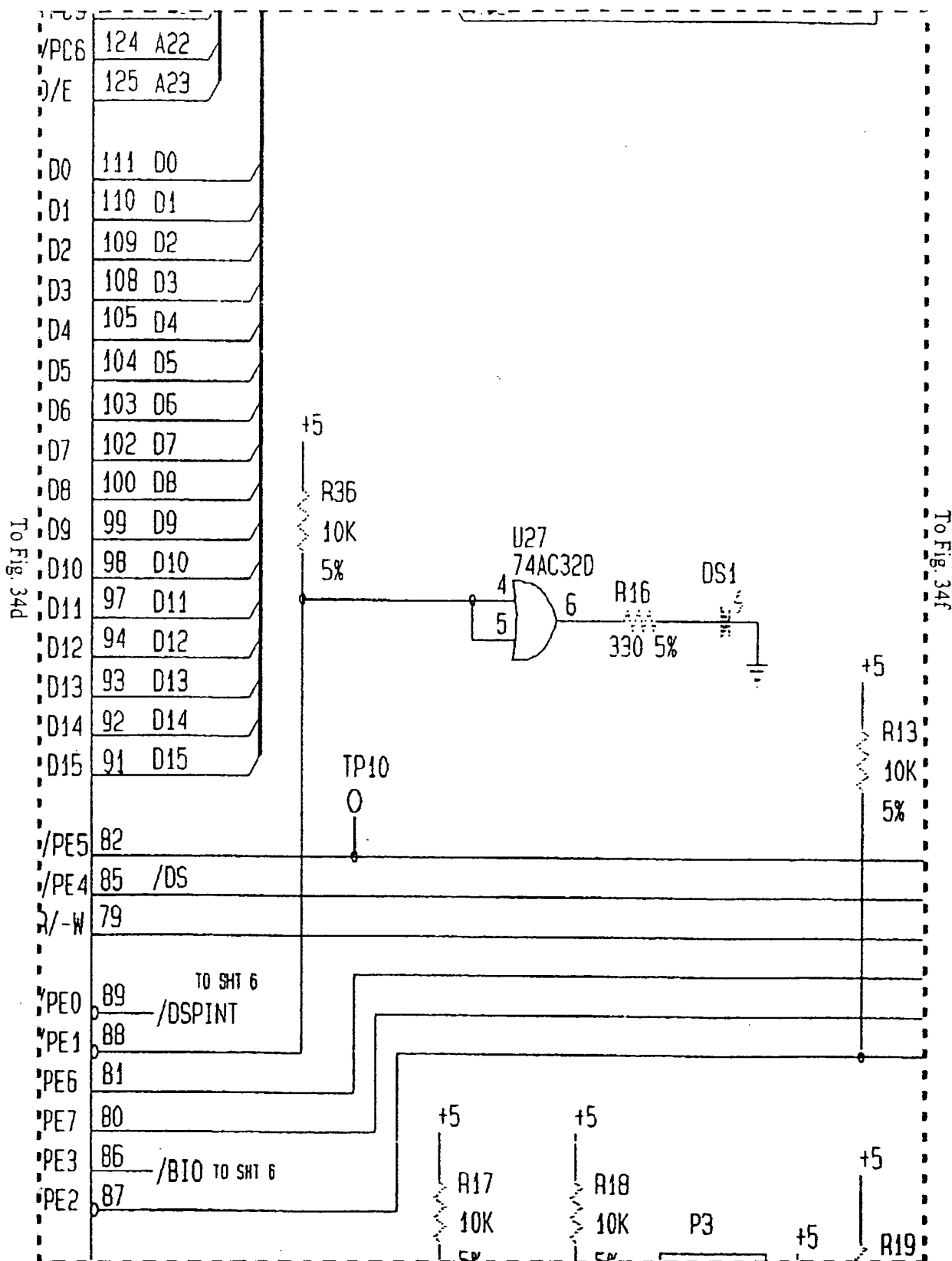
Attorney Docket No. ~~627076~~, Serial No. ~~10/068,434~~

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10/613,701

95 of 207

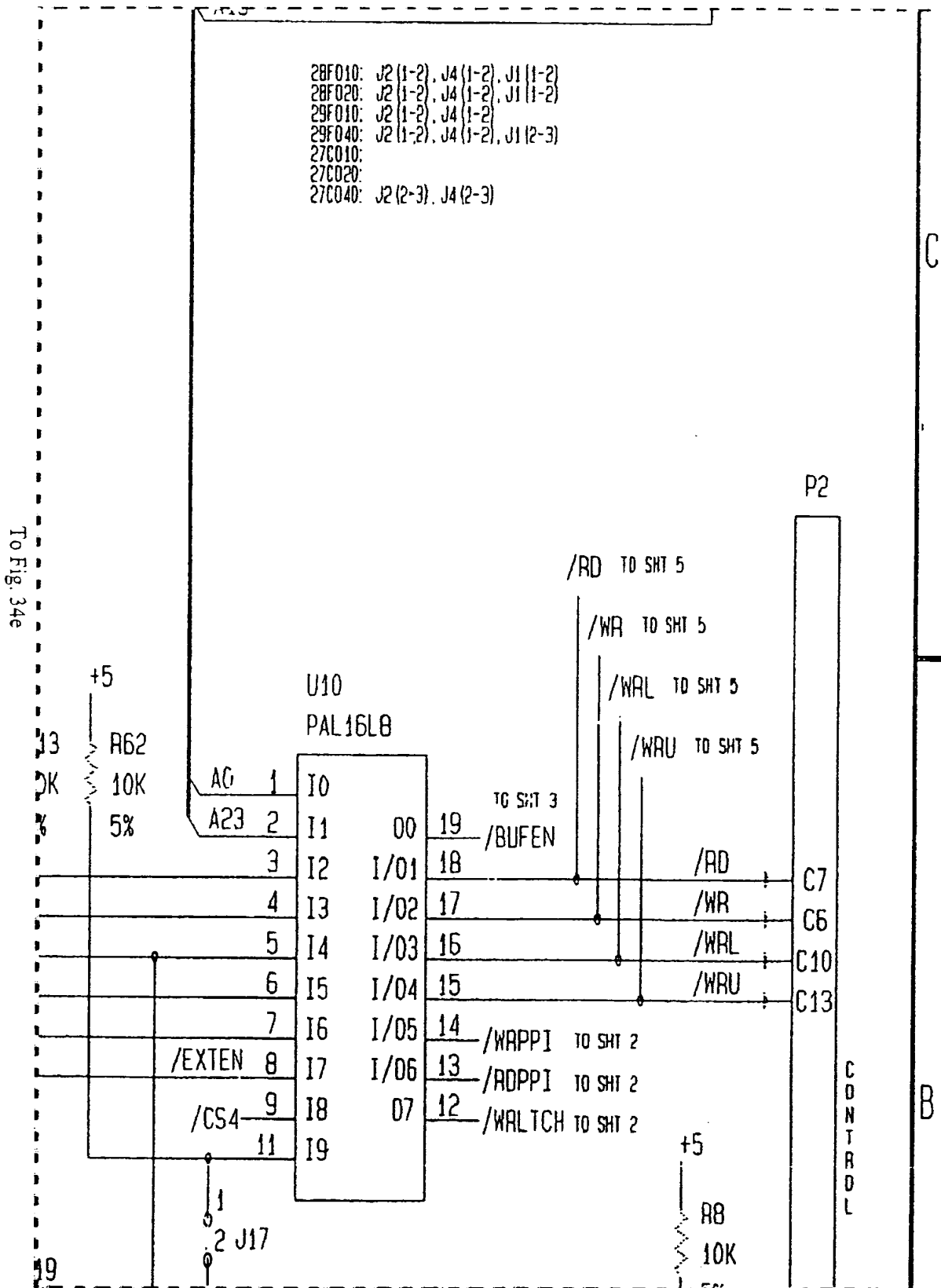
To Fig. 34b



To Fig. 34h

FIG. 34e

To Fig. 34c



To Fig. 34i

FIG. 34f

Inventor(s): Ronald G. Hart

Attorney Docket No. 627076, Serial No. 10068431

6270/10

10/613,701

97 86207

To Fig. 34d

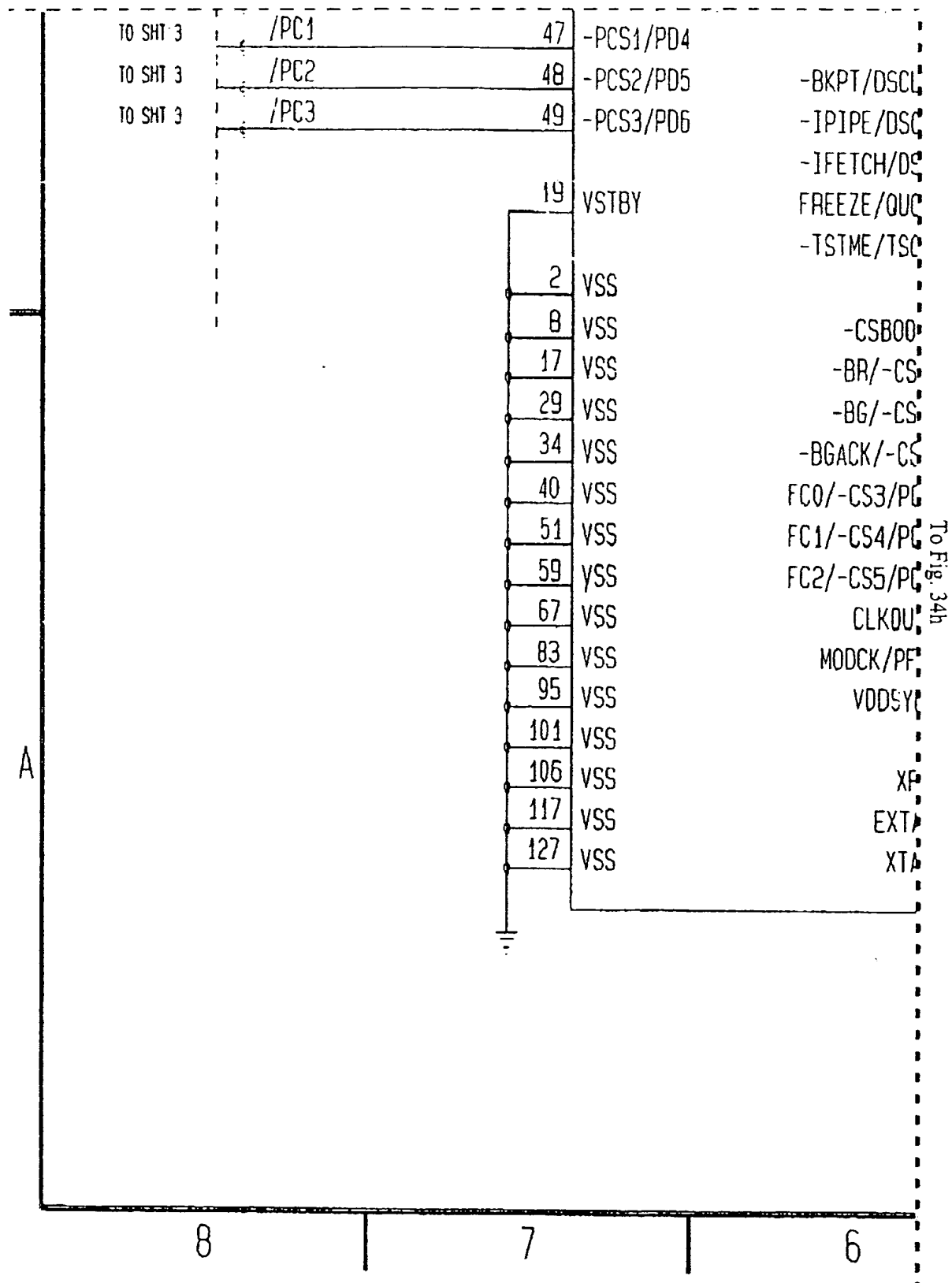
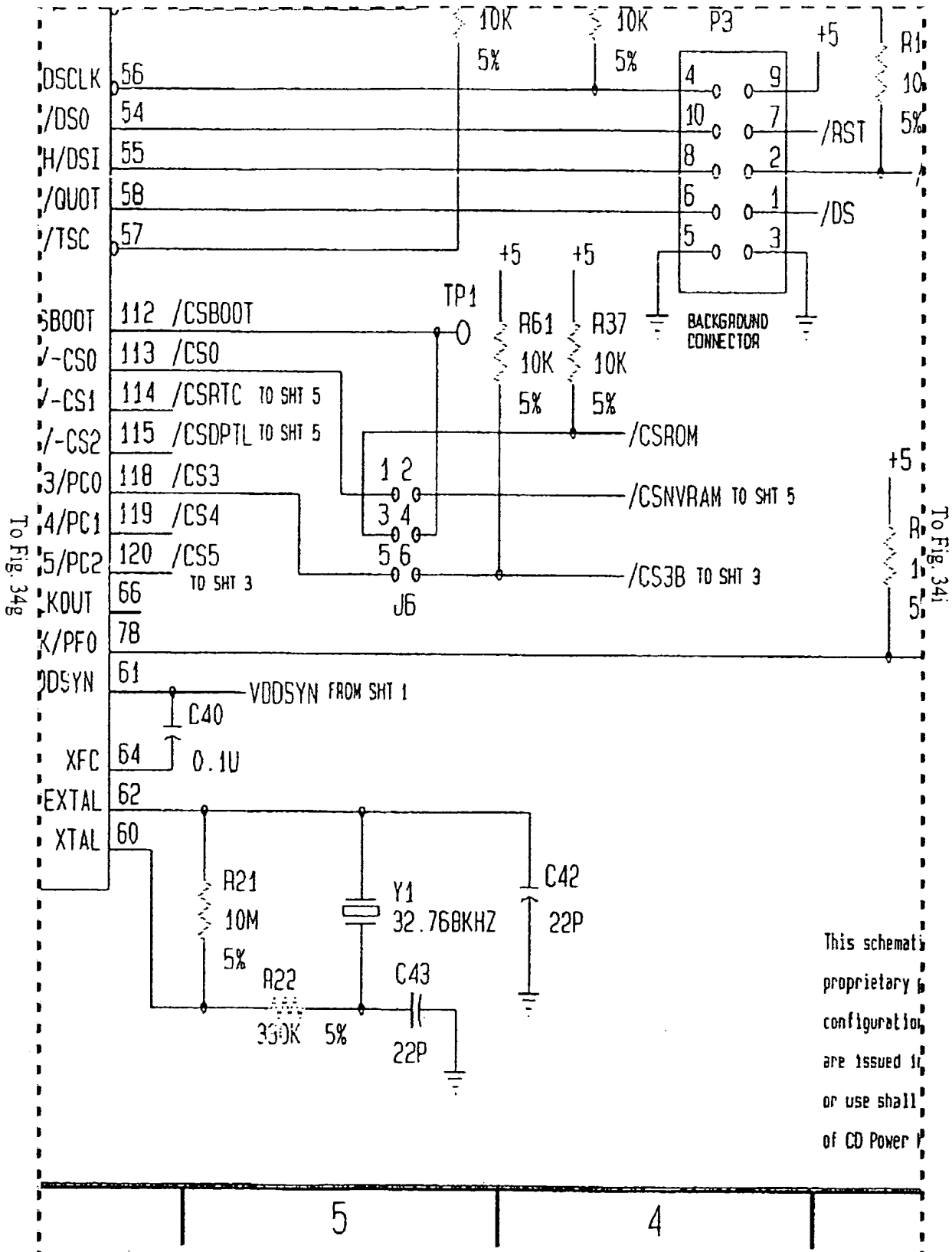


FIG. 34g

To Fig. 34e



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FIG. 34h

Inventor(s): Ronald G. Hart

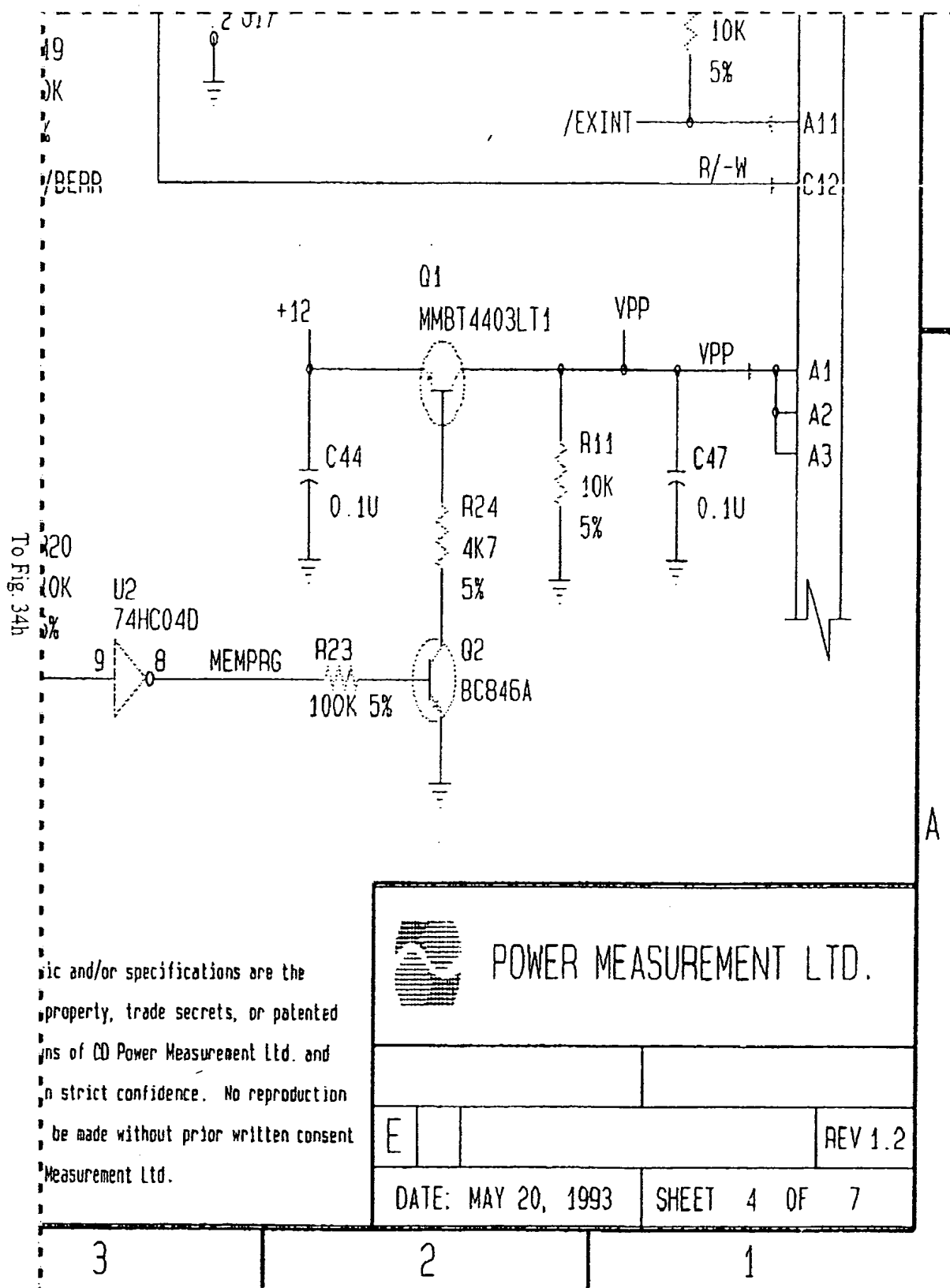
Attorney Docket No. ~~627076~~, Serial No. ~~10/068431~~
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To Fig. 34f



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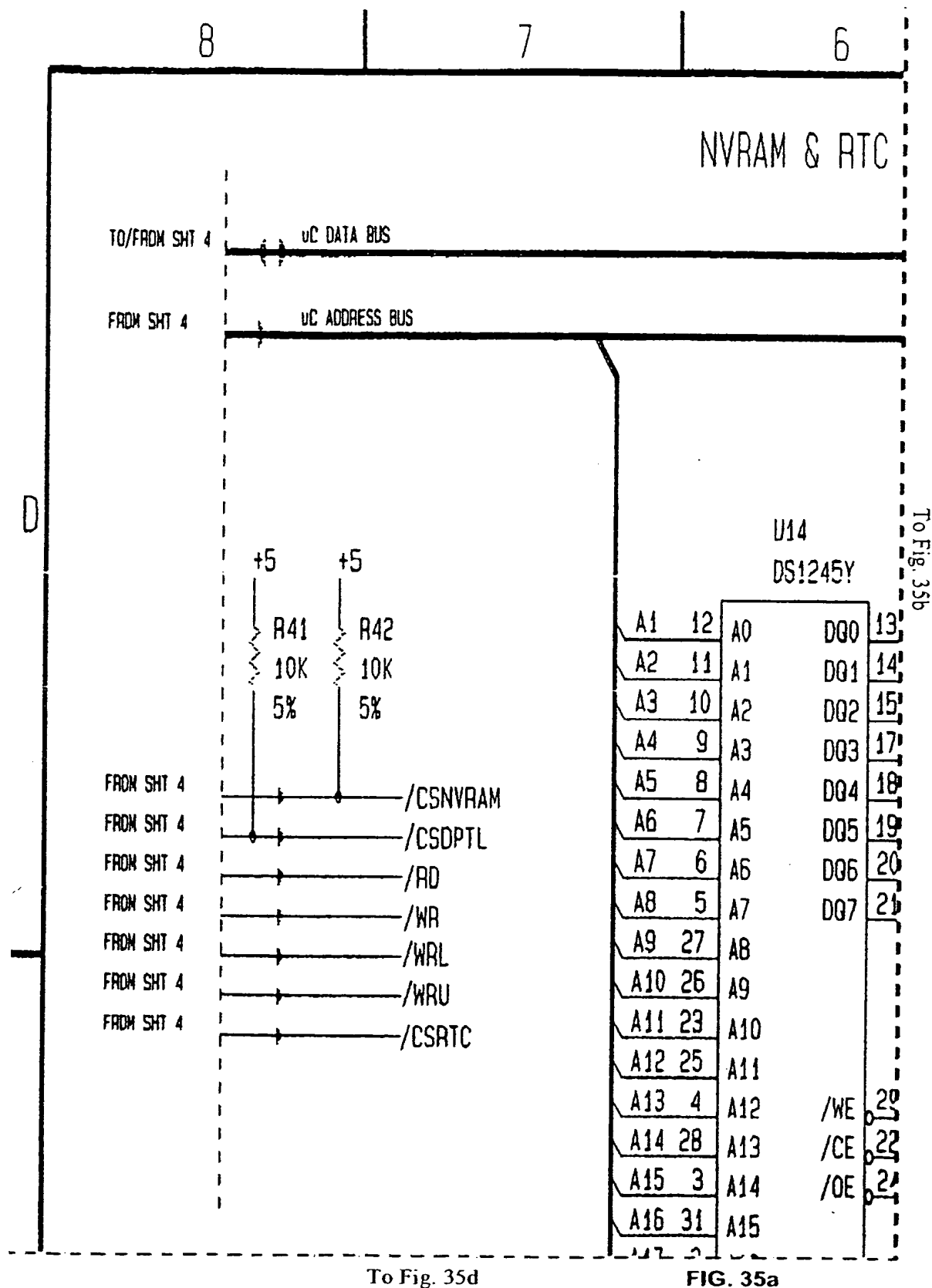
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FIG. 34i



Patent Application for: PHASOR TRANSDUCER APPARATUS AND SYSTEM FOR PROTECTION, CONTROL, AND
MANAGEMENT OF ELECTRICITY DISTRIBUTION SYSTEMS

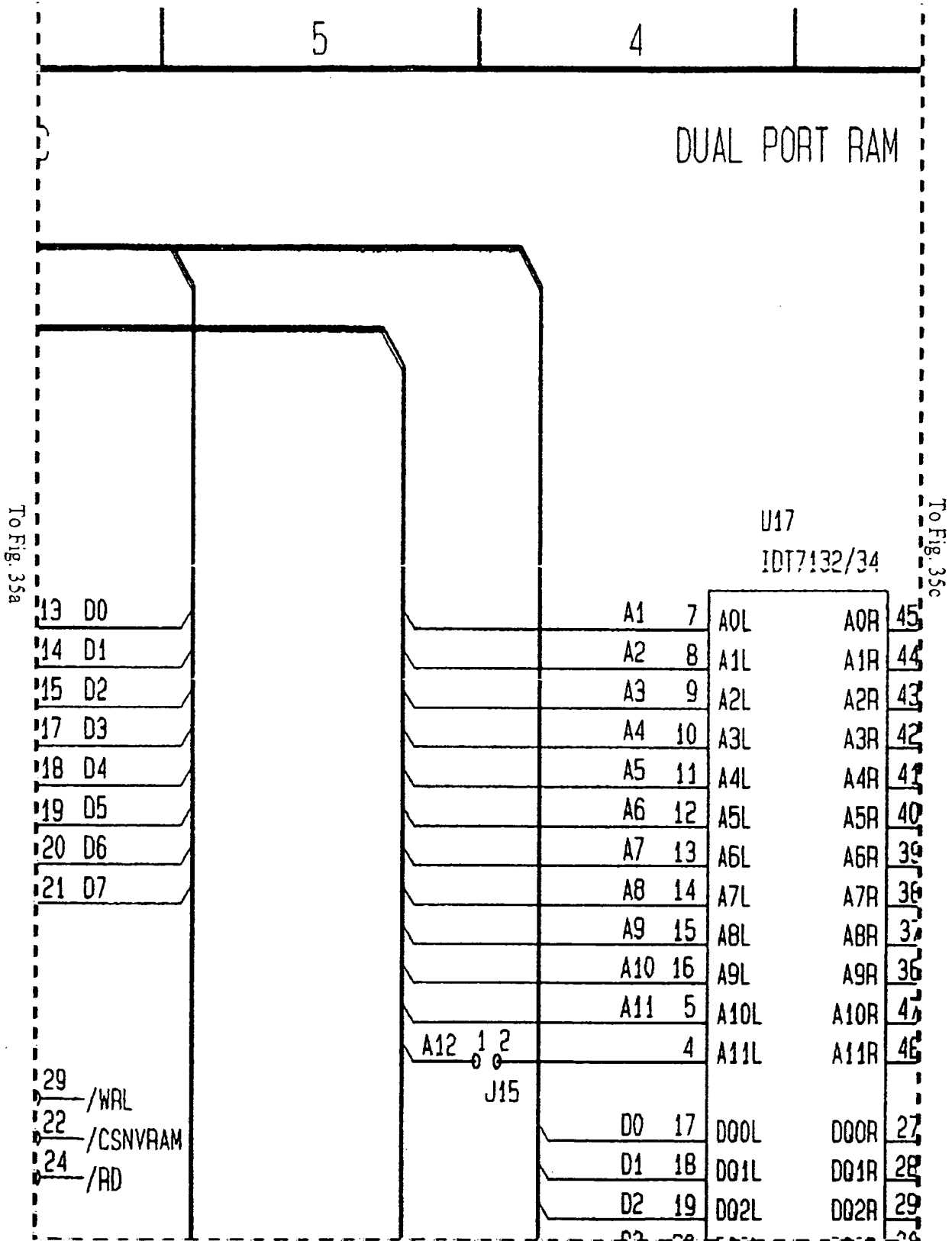
Inventor(s): Ronald G. Hart

Attorney Docket No. 6270/76, Serial No. 10/060,431

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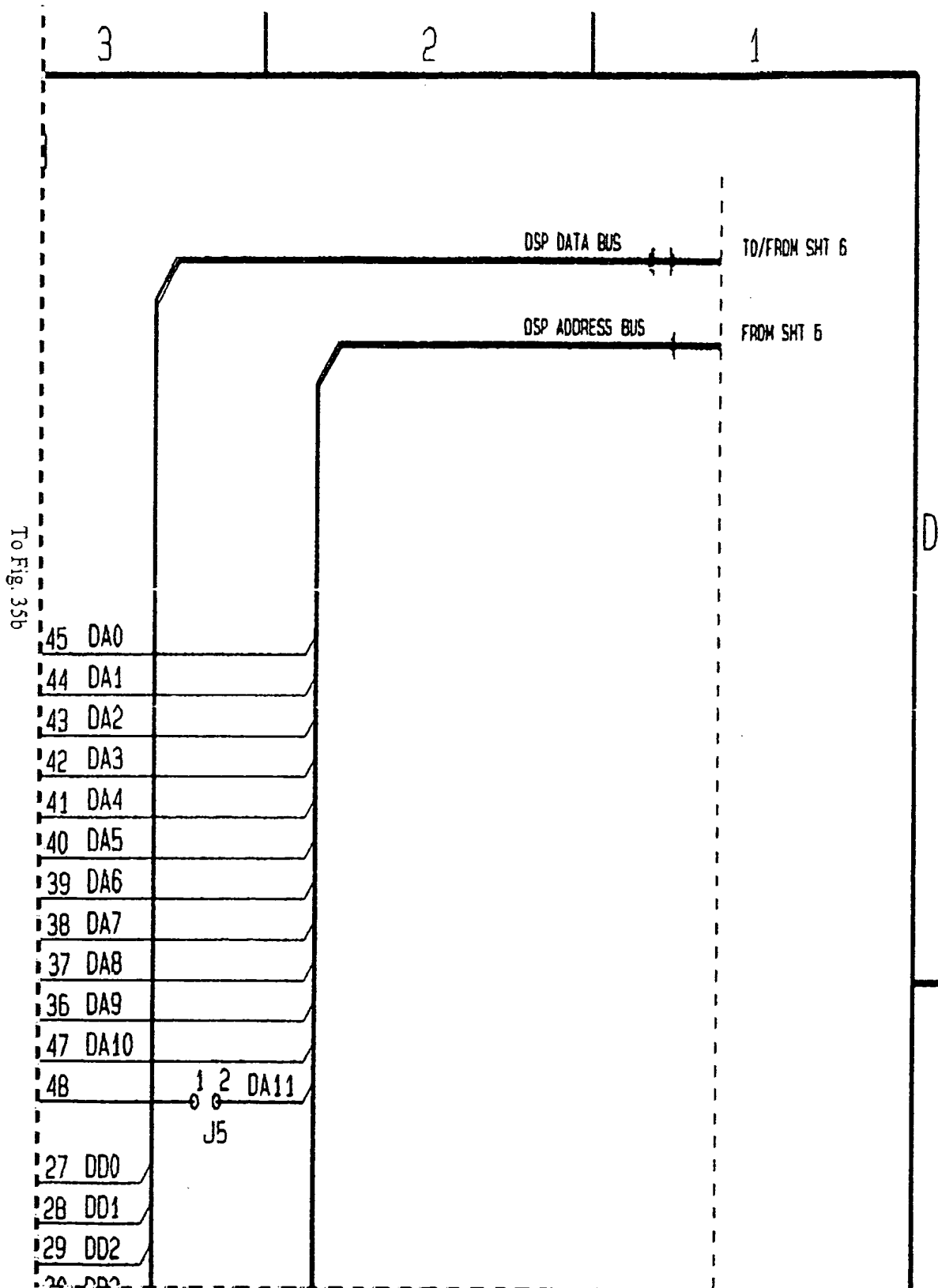
10/613,701

101 8 207



To Fig. 35e

FIG. 35b

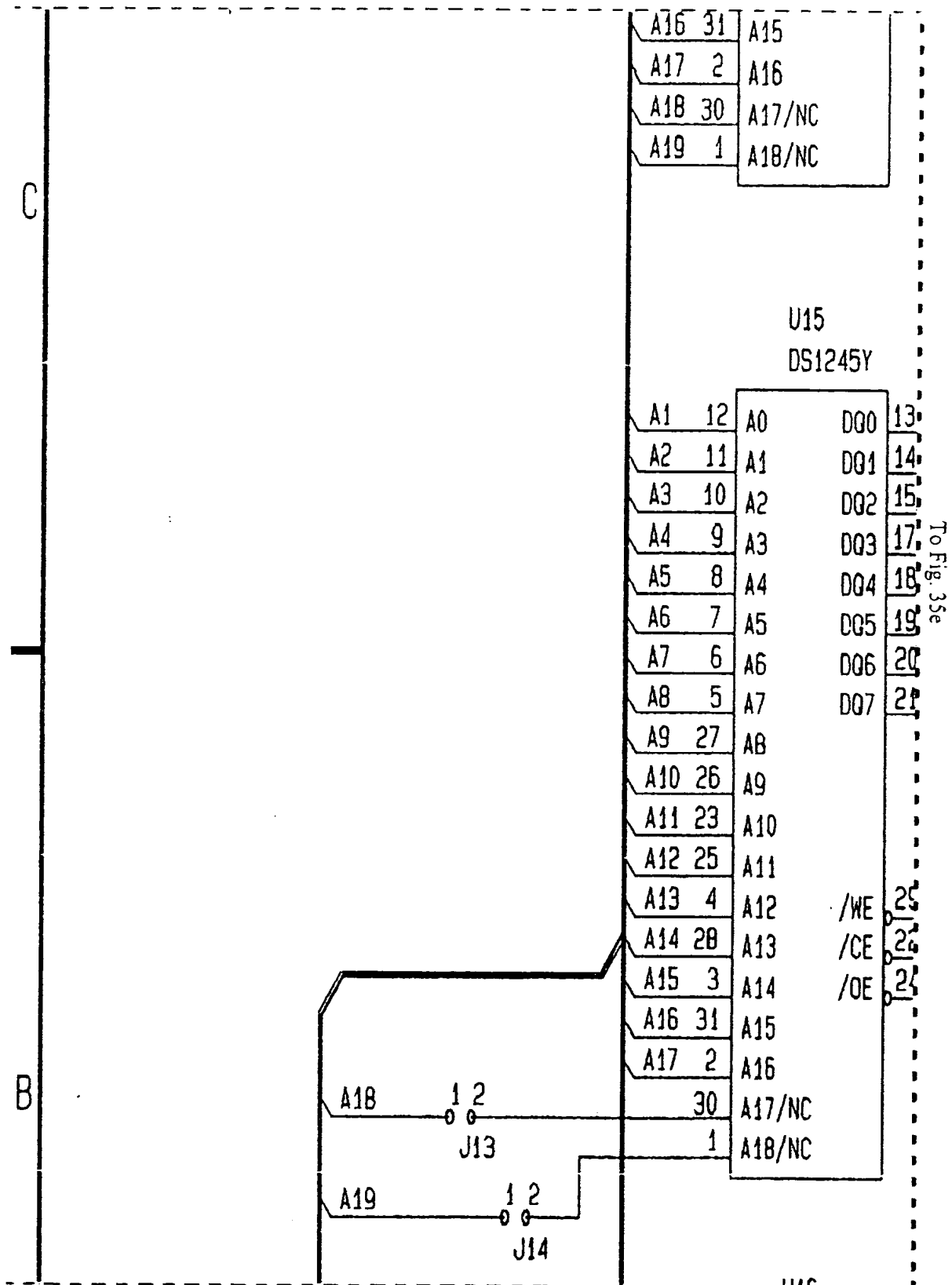


To Fig. 35b

To Fig. 35f

FIG. 35c

To Fig. 35a



To Fig. 35g

FIG. 35d

	D2	19	DQ2L	DQ2R	29
	D3	20	DQ3L	DQ3R	30
	D4	21	DQ4L	DQ4R	31
	D5	22	DQ5L	DQ5R	32
	D6	23	DQ6L	DQ6R	33
	D7	24	DQ7L	DQ7R	34
	/RD	6	/OEL	/OER	40
		3	/BUSYL	/BUSYR	42
	/WRL	2	R/-WL	R/-WR	50
	/CSDPTL	1	/CEL	/CER	51

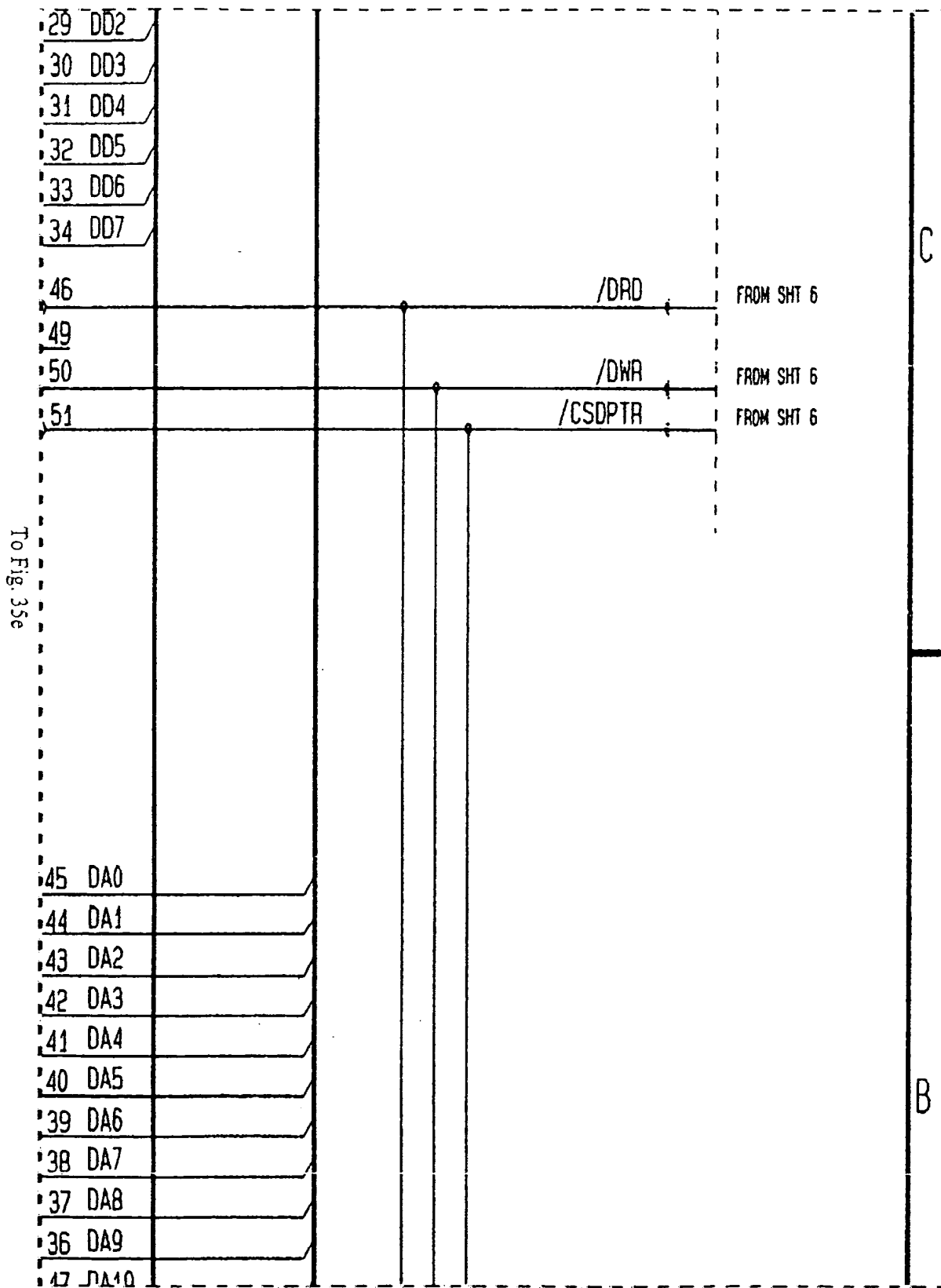
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	A1	7	A0L	A0R	45
	A2	8	A1L	A1R	44
	A3	9	A2L	A2R	43
	A4	10	A3L	A3R	42
	A5	11	A4L	A4R	41
	A6	12	A5L	A5R	40
	A7	13	A6L	A6R	39
	A8	14	A7L	A7R	38
	A9	15	A8L	A8R	37
	A10	16	A9L	A9R	36
	A11	5	A10L	A10R	47

To Fig. 35f

FIG. 35e

To Fig. 35c



To Fig. 35d

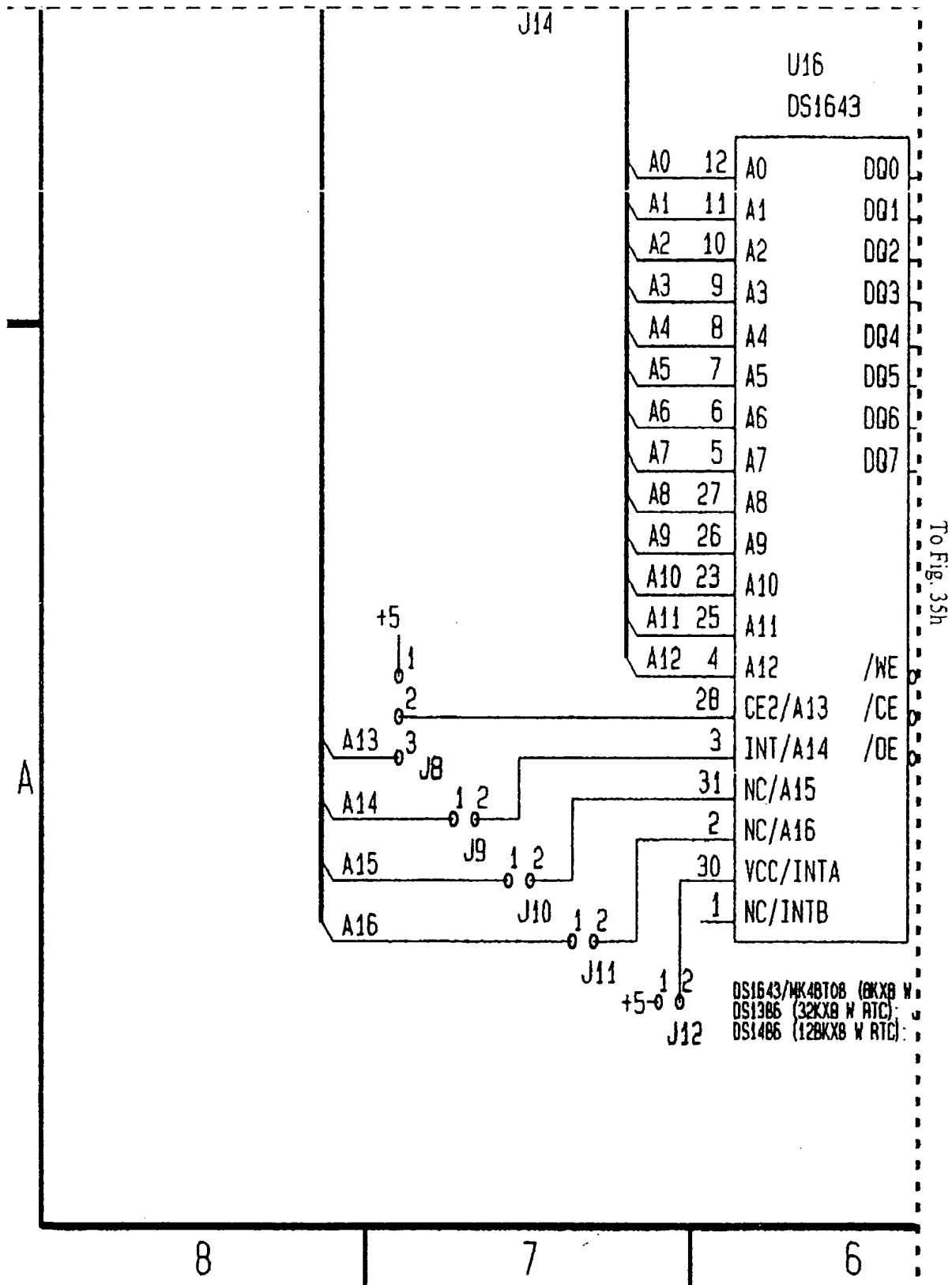


FIG. 35g

Patent Application for: PHASOR TRANSDUCER APPARATUS AND SYSTEM FOR PROTECTION, CONTROL, AND MANAGEMENT OF ELECTRICITY DISTRIBUTION SYSTEMS

Inventor(s): Ronald G. Hart

Attorney Docket No. 6270/76, Serial No. 10/068,431

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To Fig. 35e

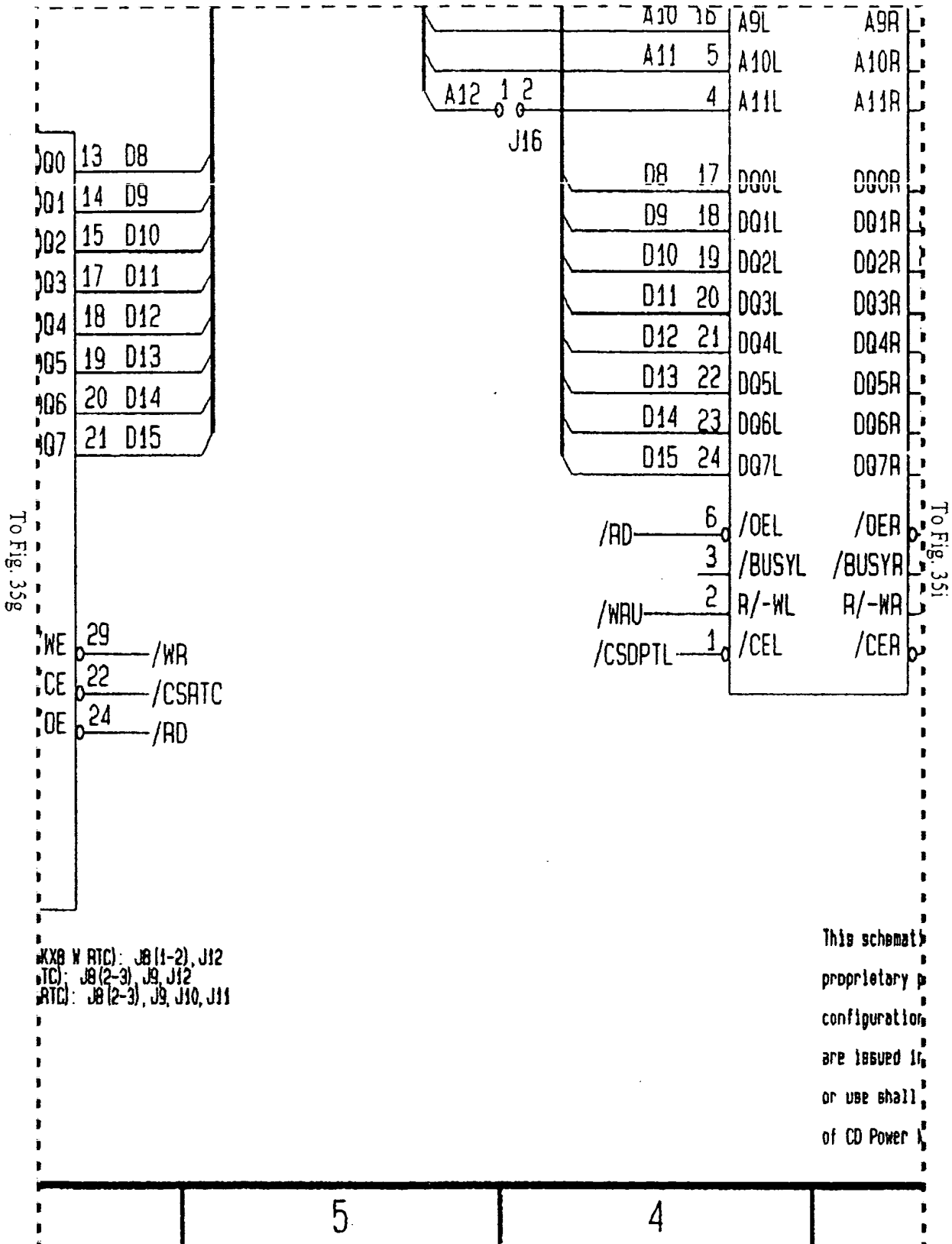


FIG. 35h

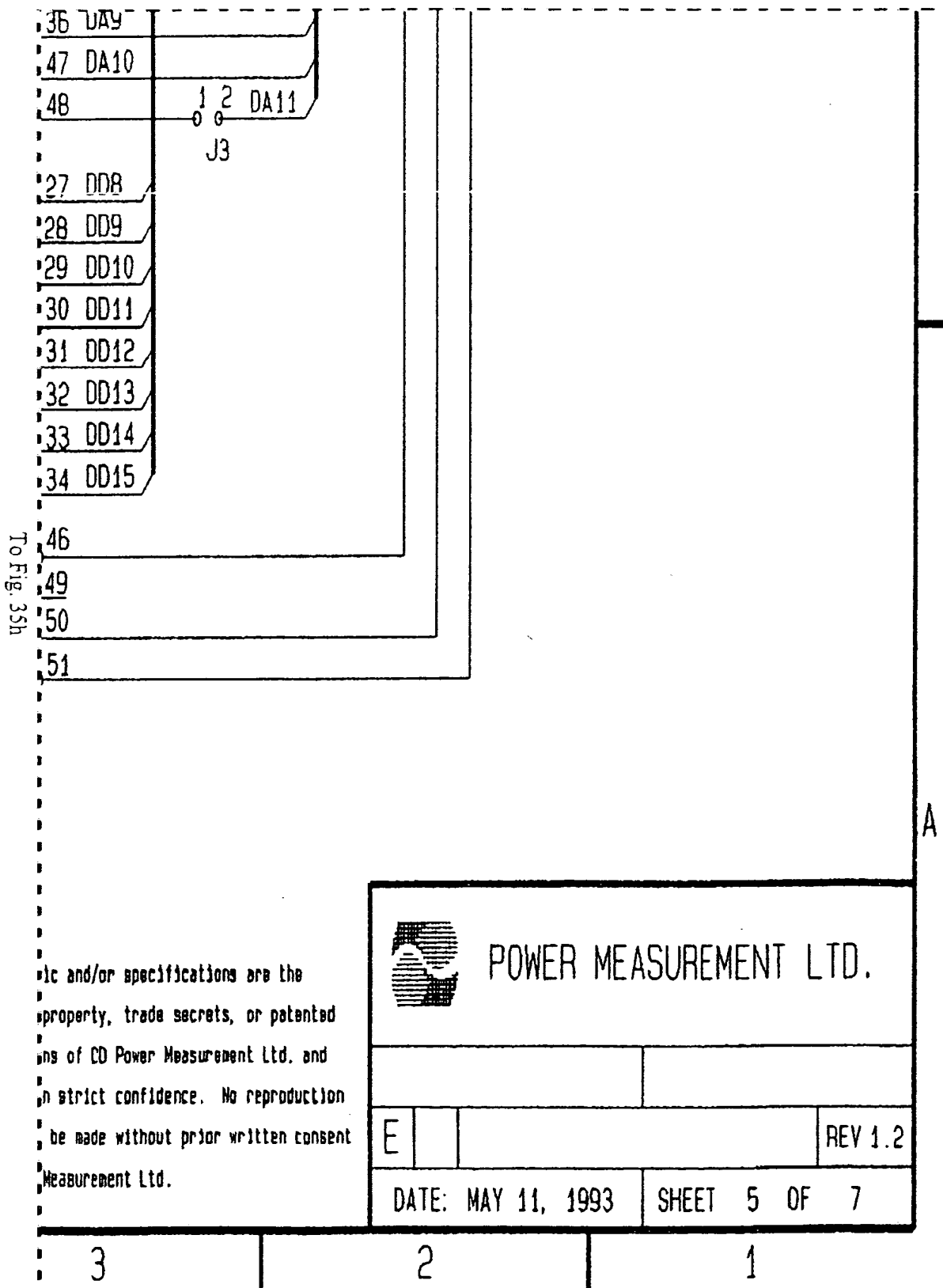
Inventor(s): Ronald G. Hart

Attorney Docket No. ~~627076~~ 6270110, Serial No. ~~40/068,434~~ 10/613,701

108 9 2 07

6270110

To Fig. 35f



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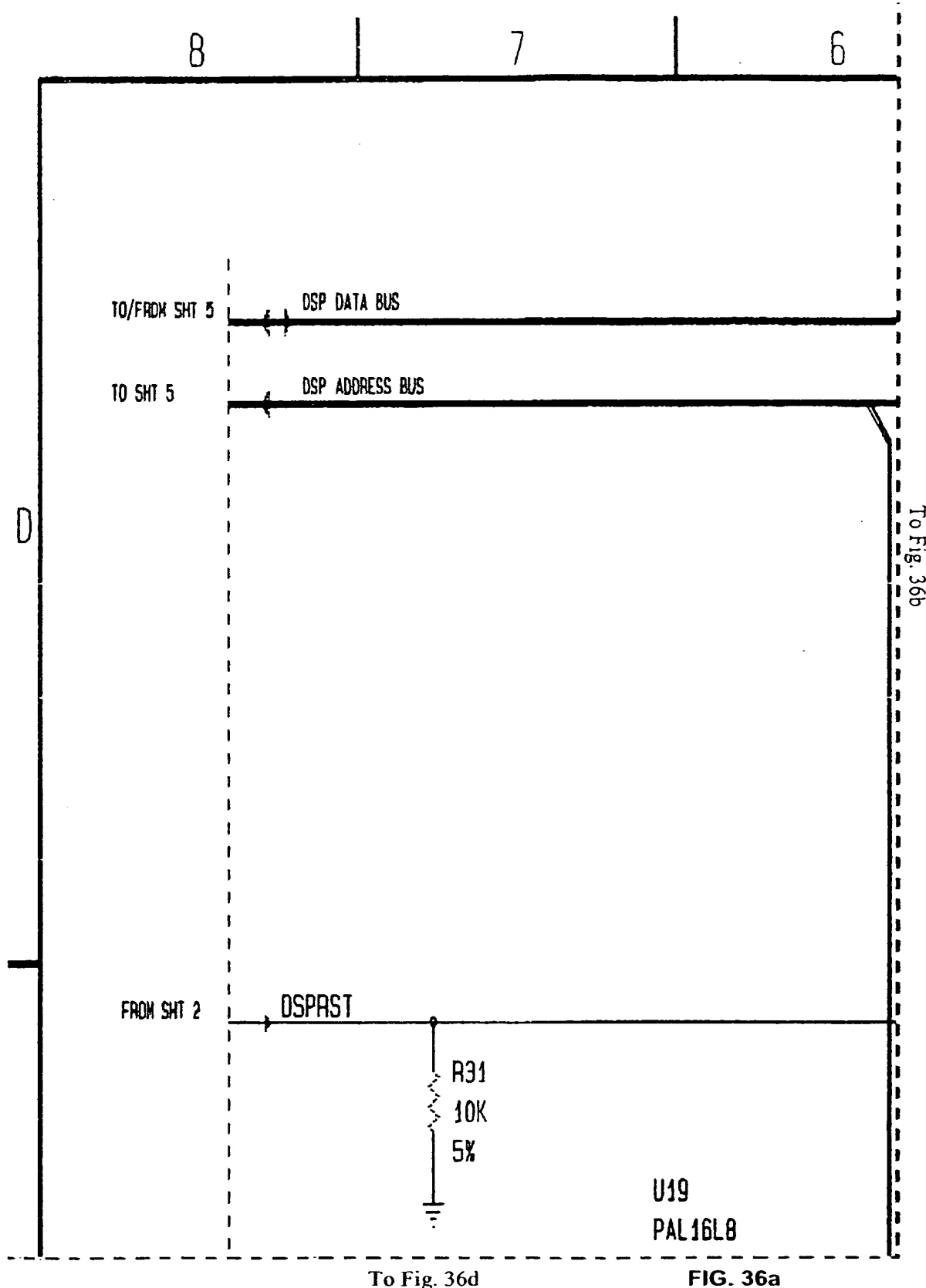
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FIG. 35i

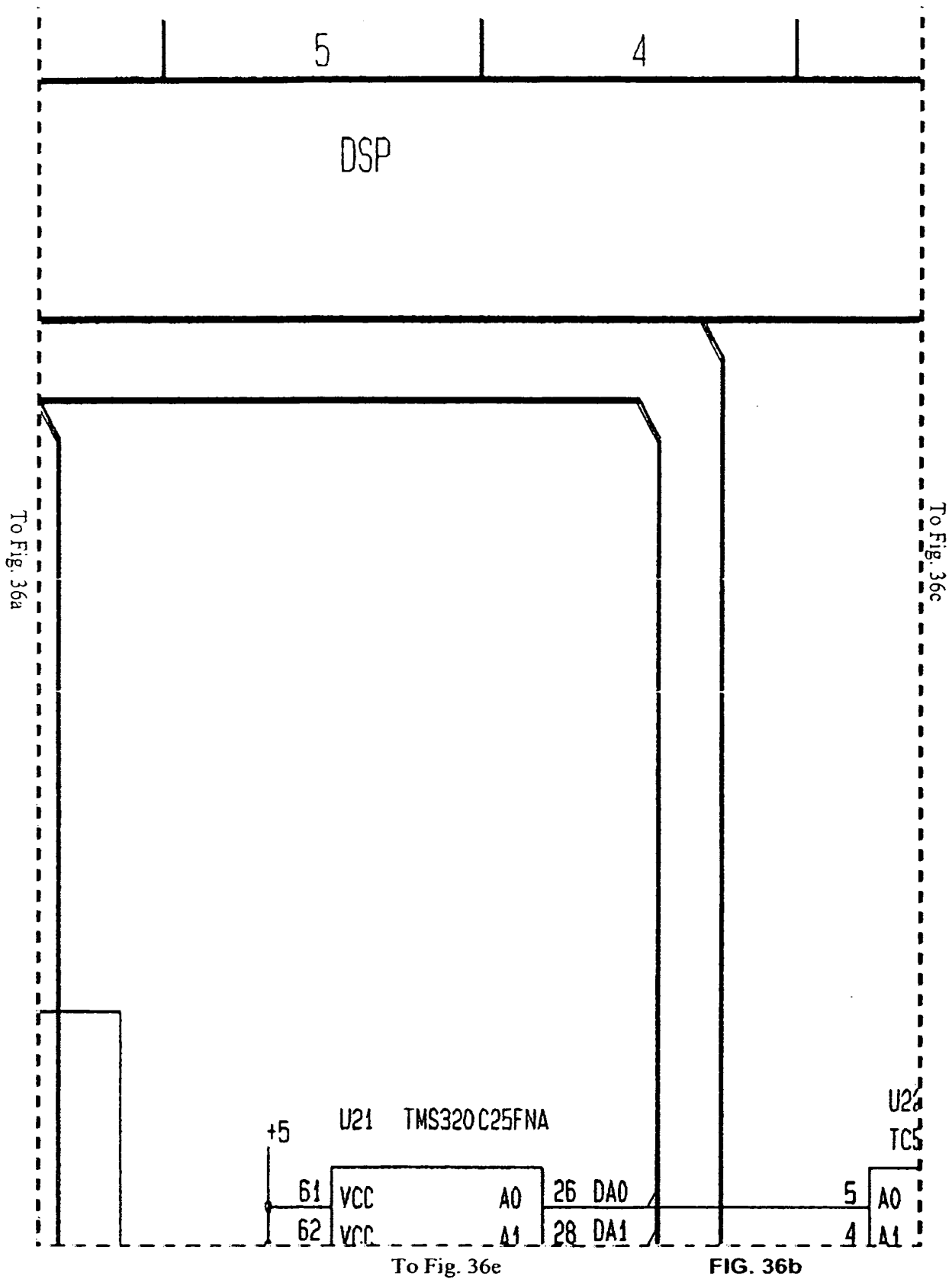
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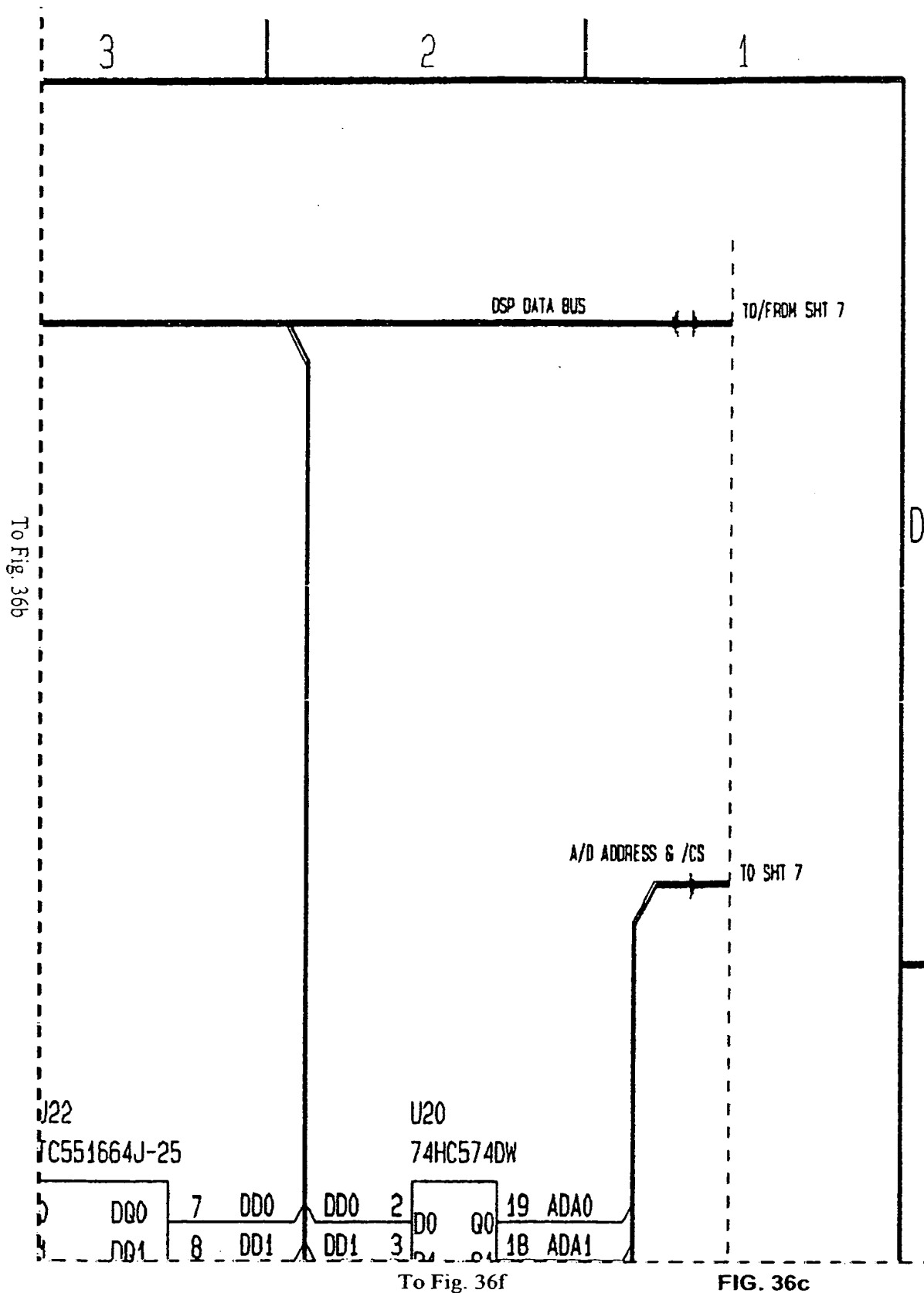
Patent Application for: PHASOR TRANSDUCER APPARATUS AND SYSTEM FOR PROTECTION, CONTROL, AND
MANAGEMENT OF ELECTRICITY DISTRIBUTION SYSTEMS

Inventor(s): Ronald G. Hart

Attorney Docket No. 6270/70, Serial No. 10/613,701

6270/110

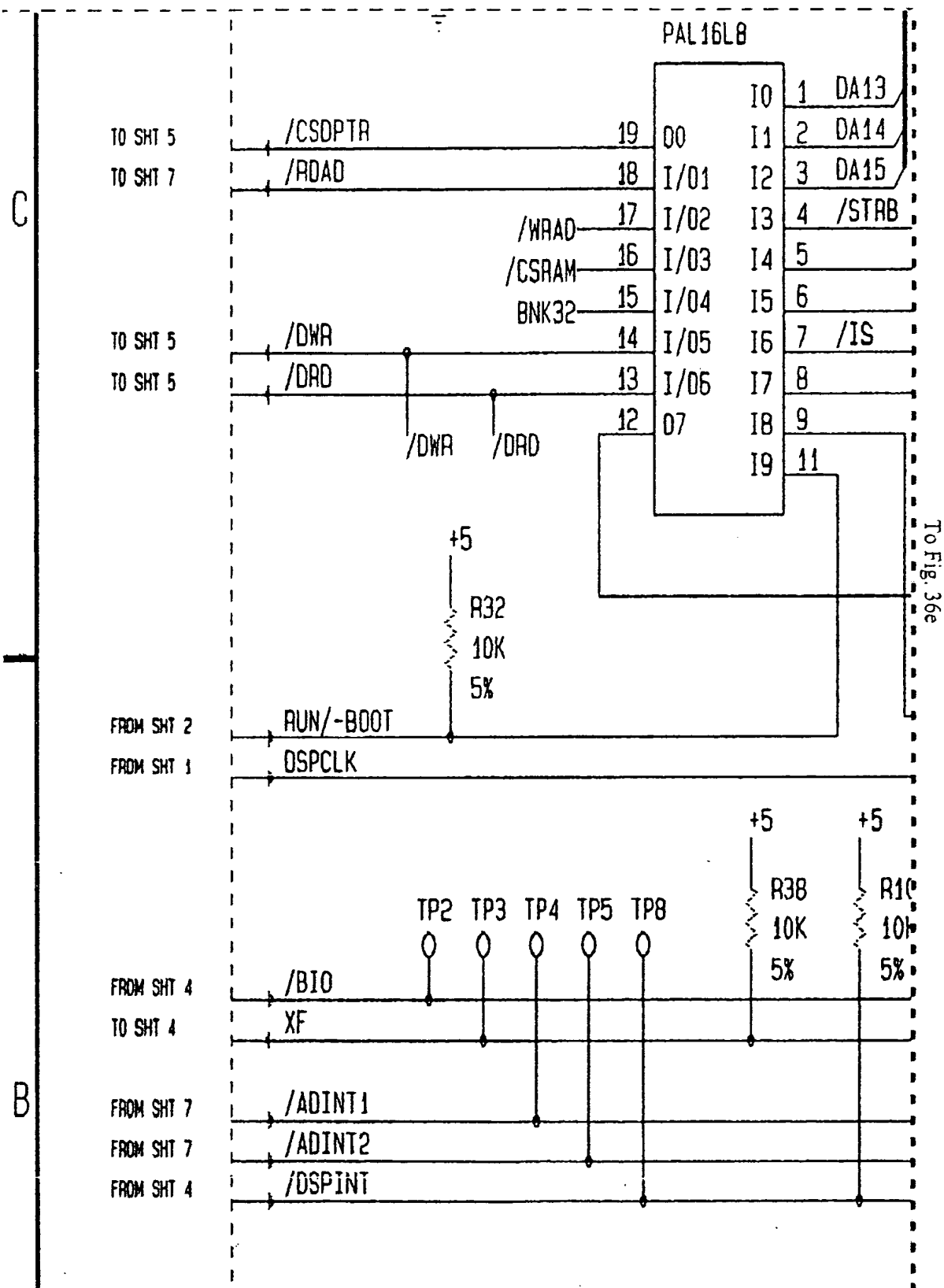
111 86 207



To Fig. 36f

FIG. 36c

To Fig. 36a



To Fig. 36g

FIG. 36d

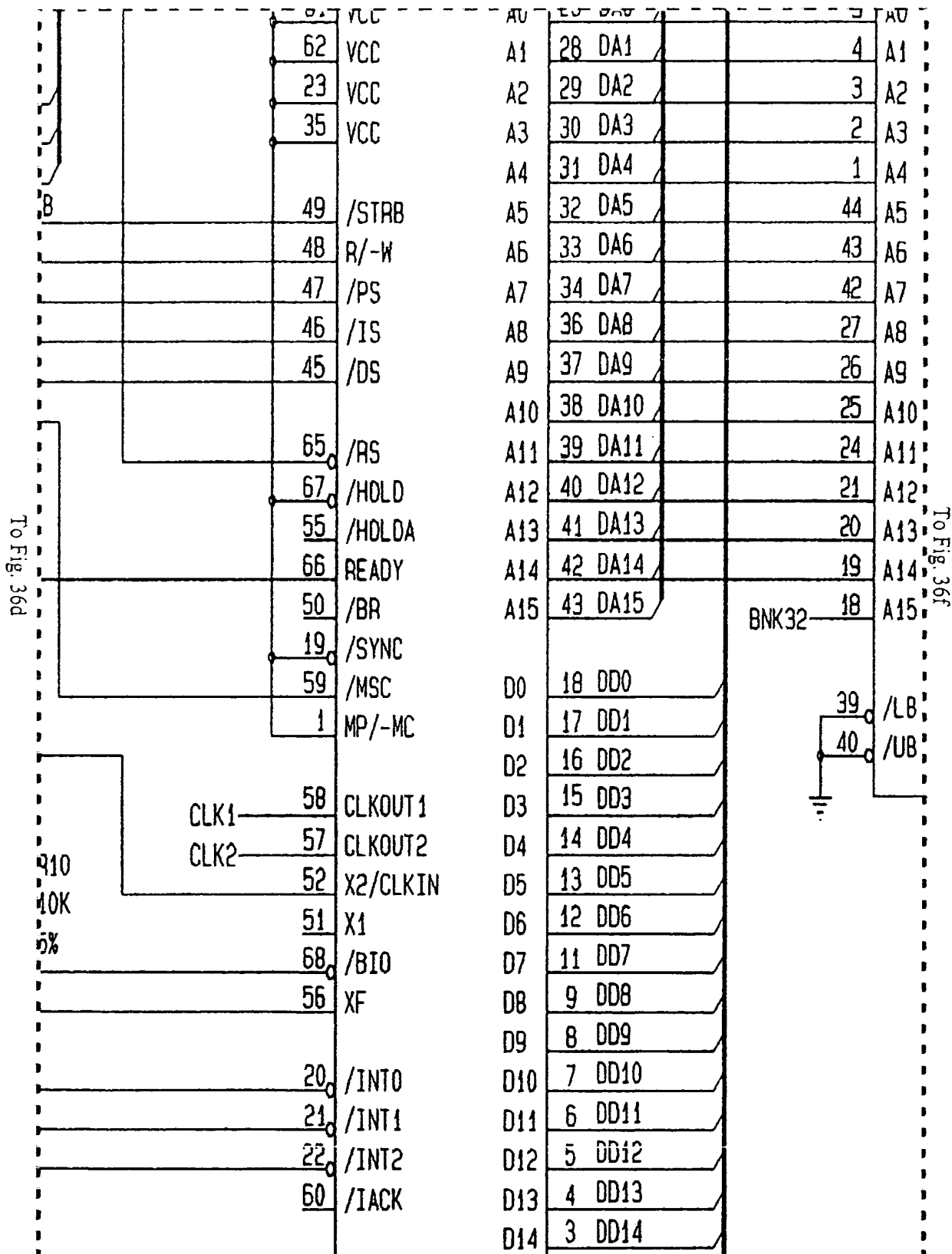
Patent Application for: PHASOR TRANSDUCER APPARATUS AND SYSTEM FOR PROTECTION, CONTROL, AND
MANAGEMENT OF ELECTRICITY DISTRIBUTION SYSTEMS

Inventor(s): Ronald G. Hart

Attorney Docket No. 6270/110 Serial No. 10/613,701

113 56 207

To Fig. 36b



To Fig. 36h

FIG. 36e

114 60 207

To Fig. 36c

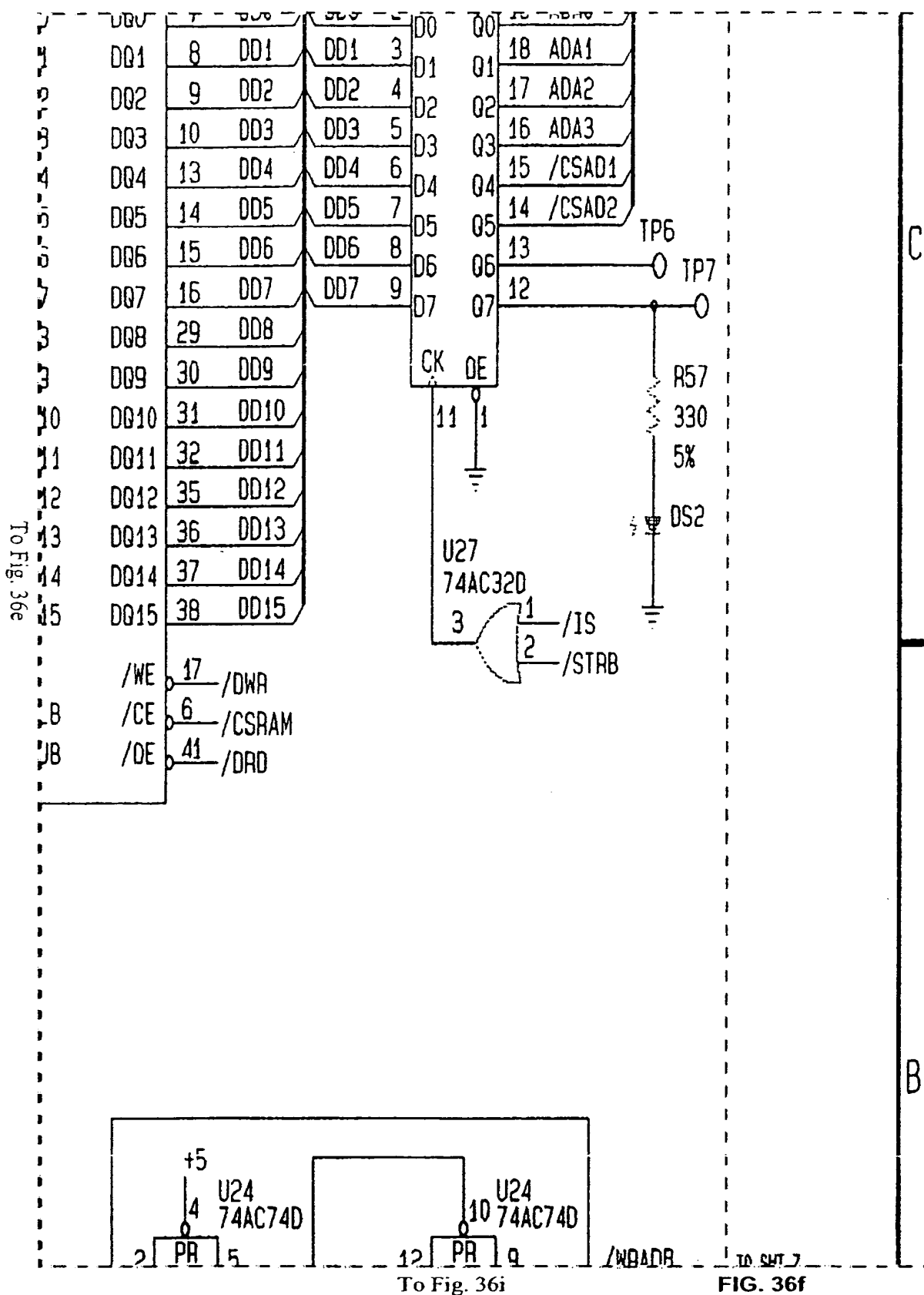


FIG. 36f

Inventor(s): Ronald G. Hart

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6270/110

115 8 207

To Fig. 36d

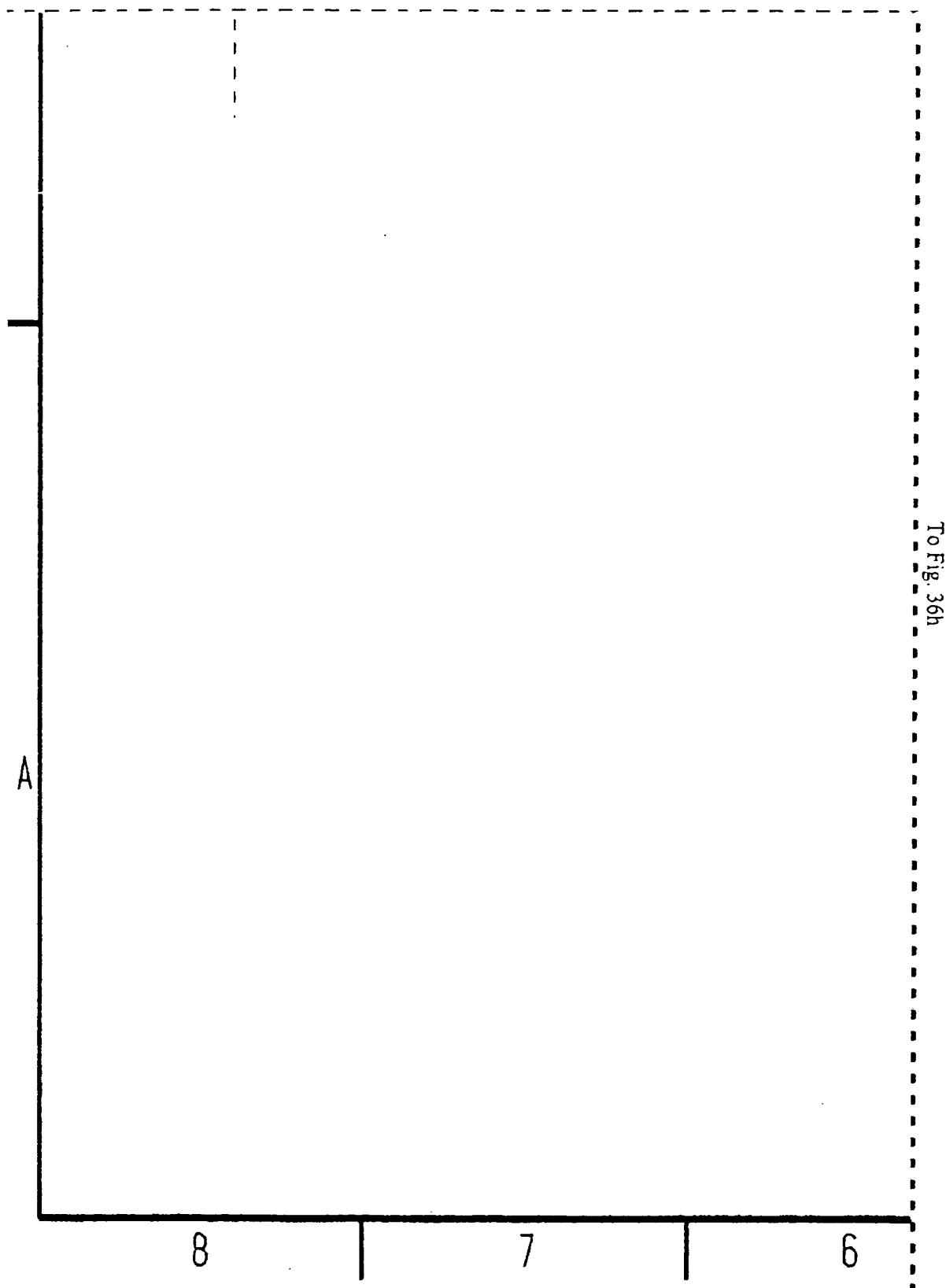
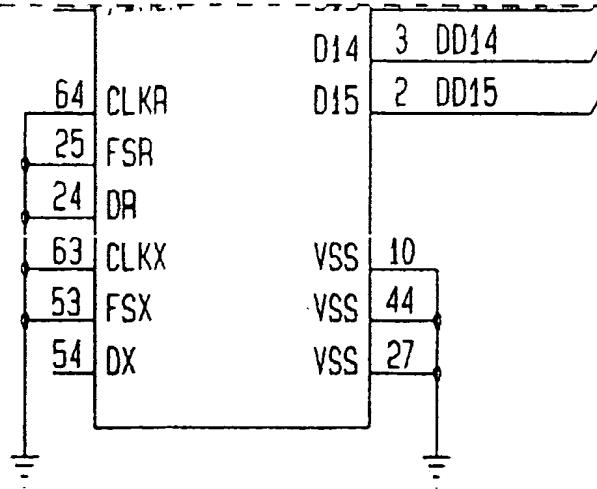


FIG. 36g

116 66 2 07

To Fig. 36e



To Fig. 36g

To Fig. 36i

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FIG. 36h

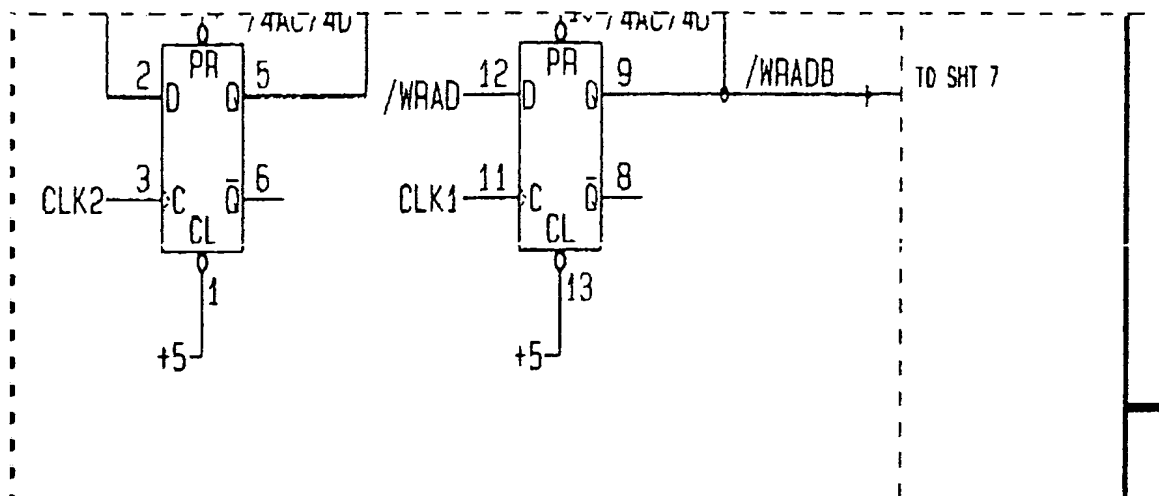
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Attorney Docket No. 6270/76, Serial No. 10/068,431 10/613,701

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117 06 207

To Fig. 36f



To Fig. 36h

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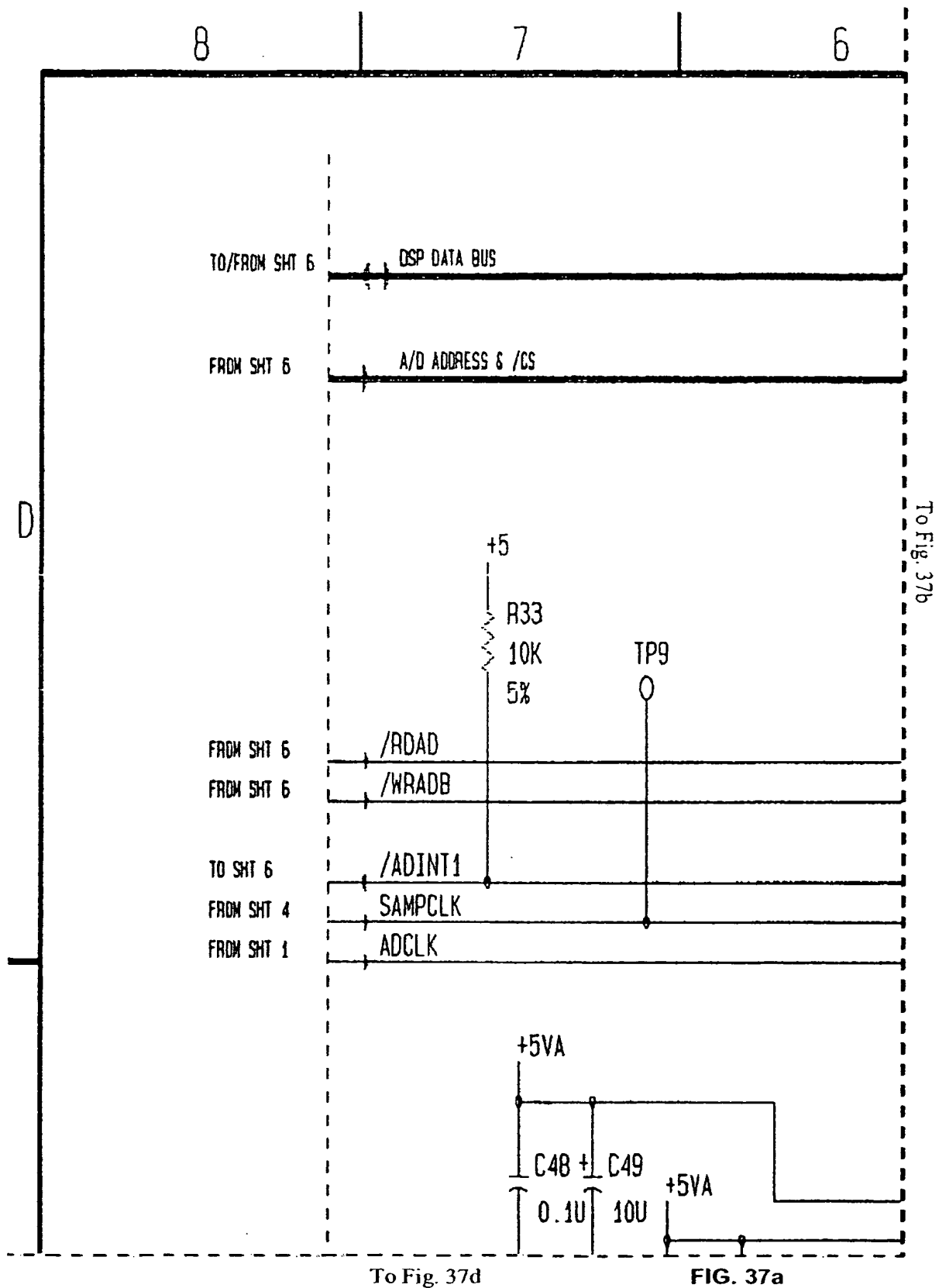
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DATE: MAY 10, 1993		SHEET 6 OF 7	

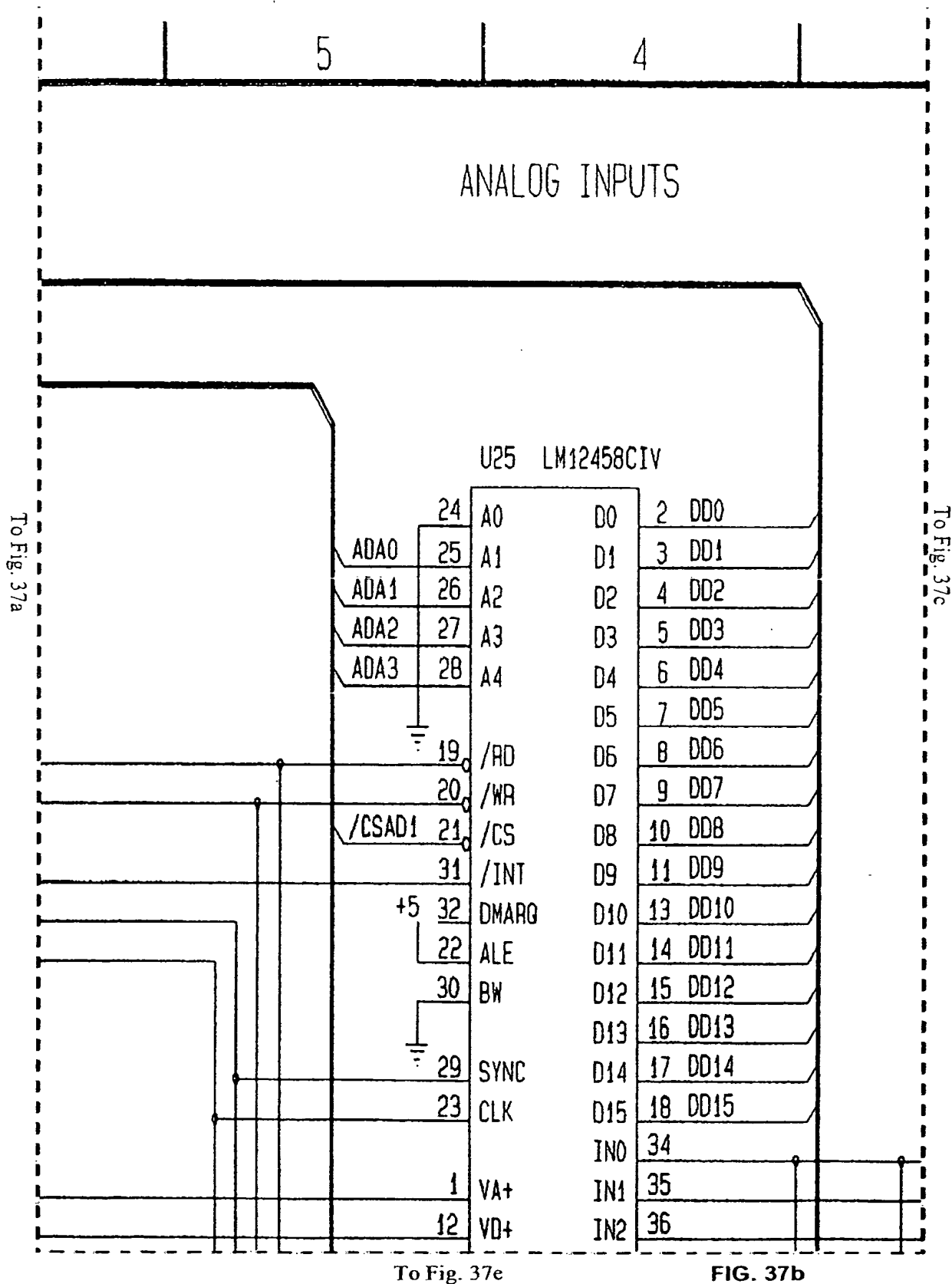
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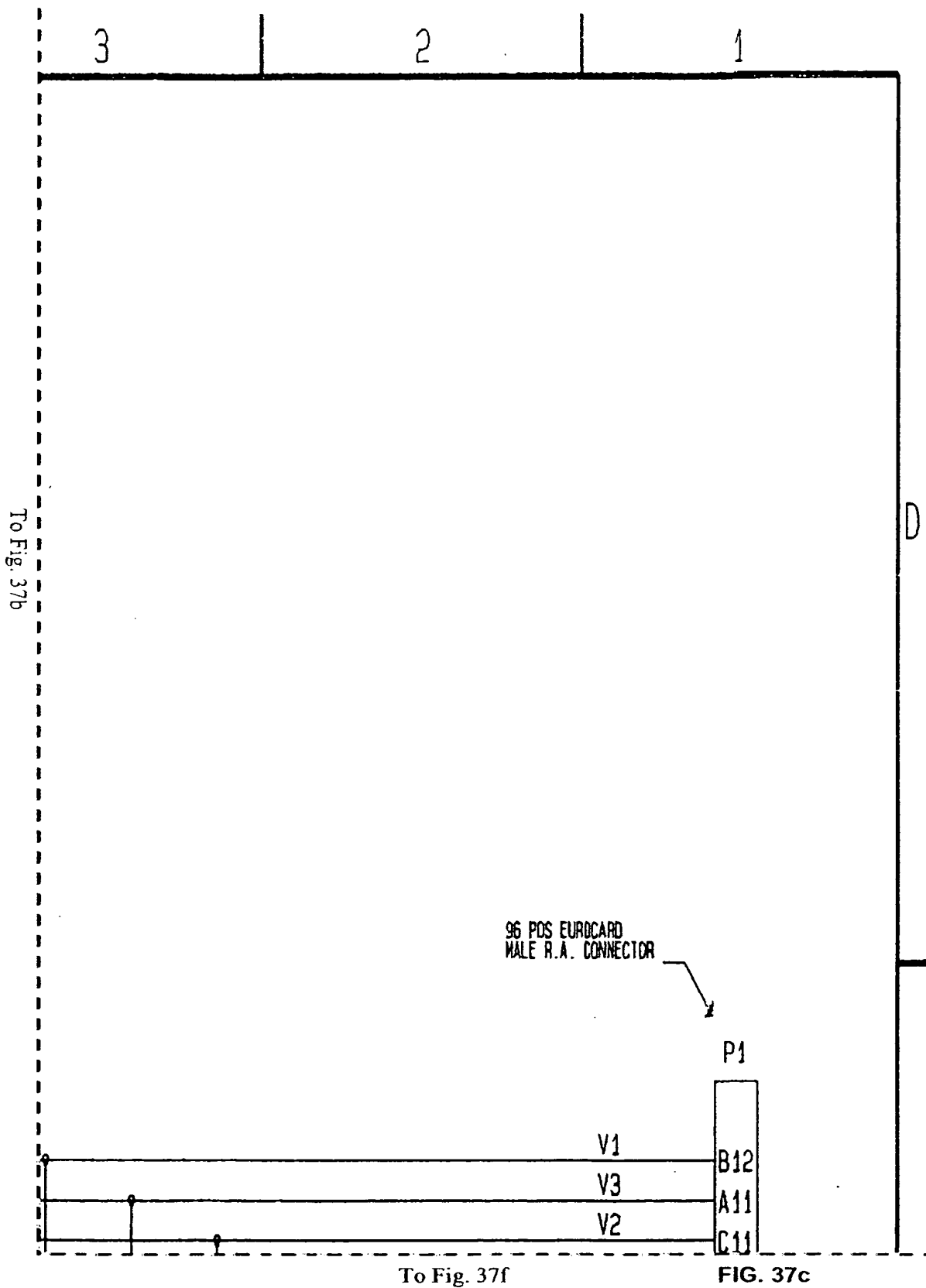
FIG. 36i

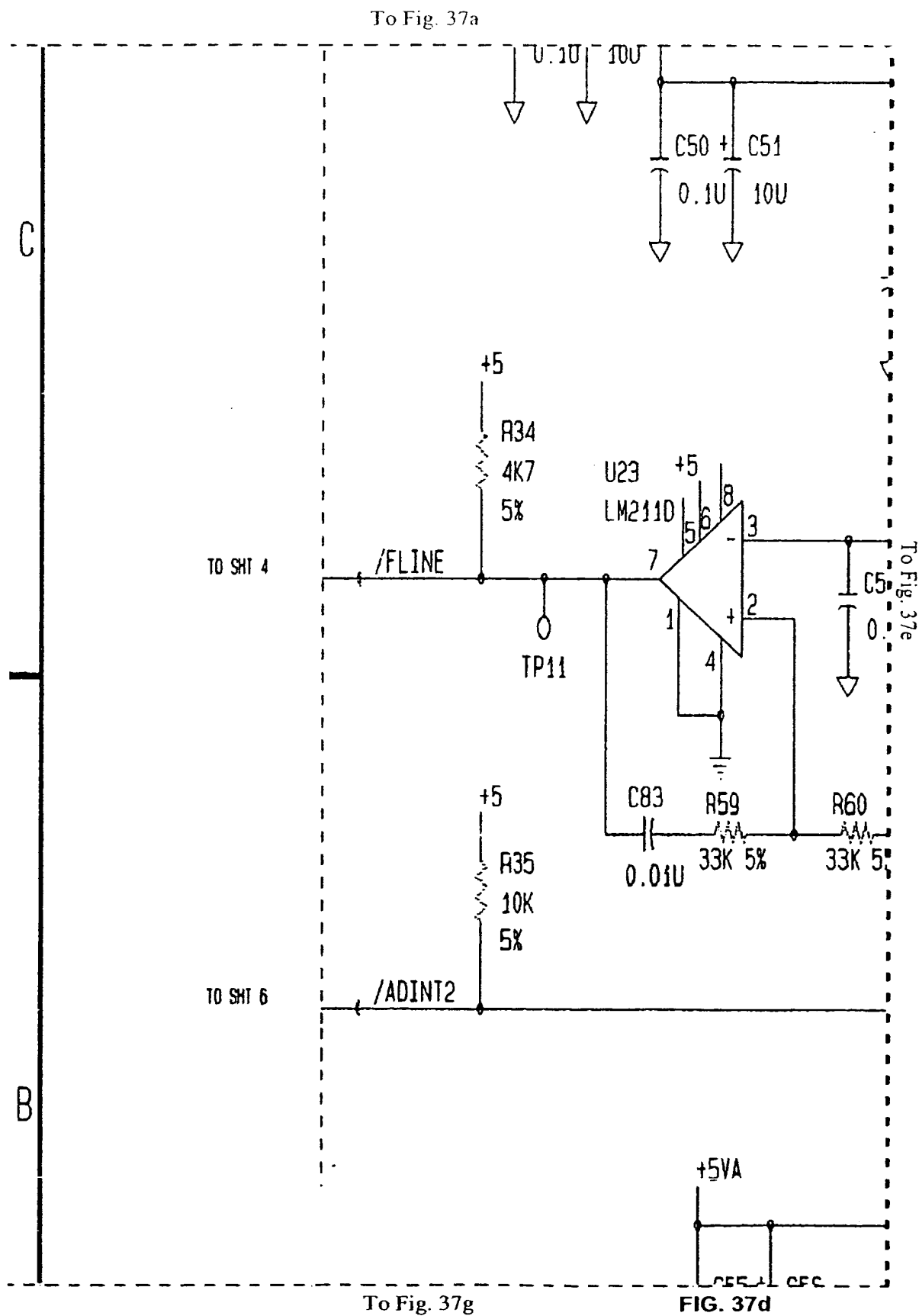




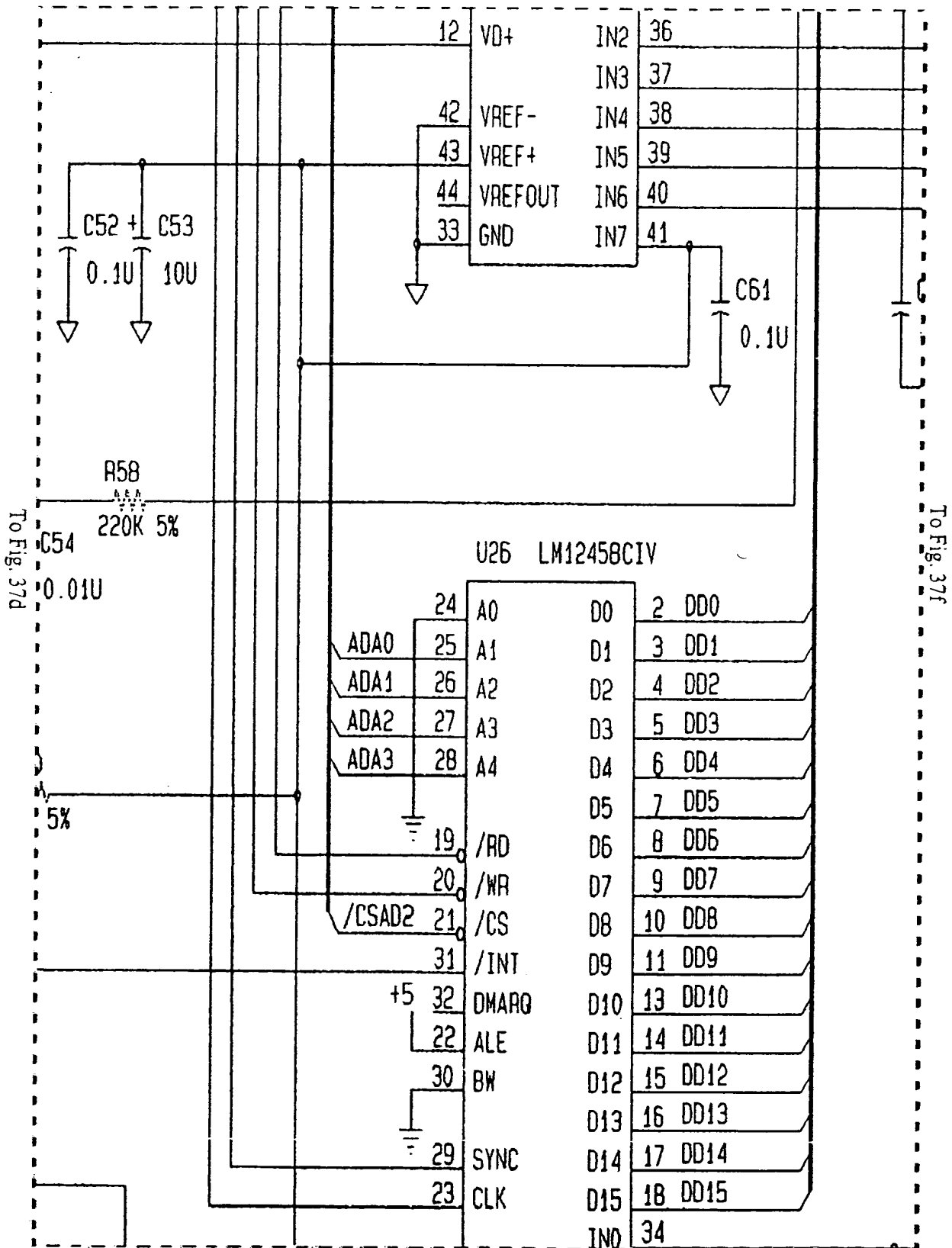
To Fig. 37e

FIG. 37b





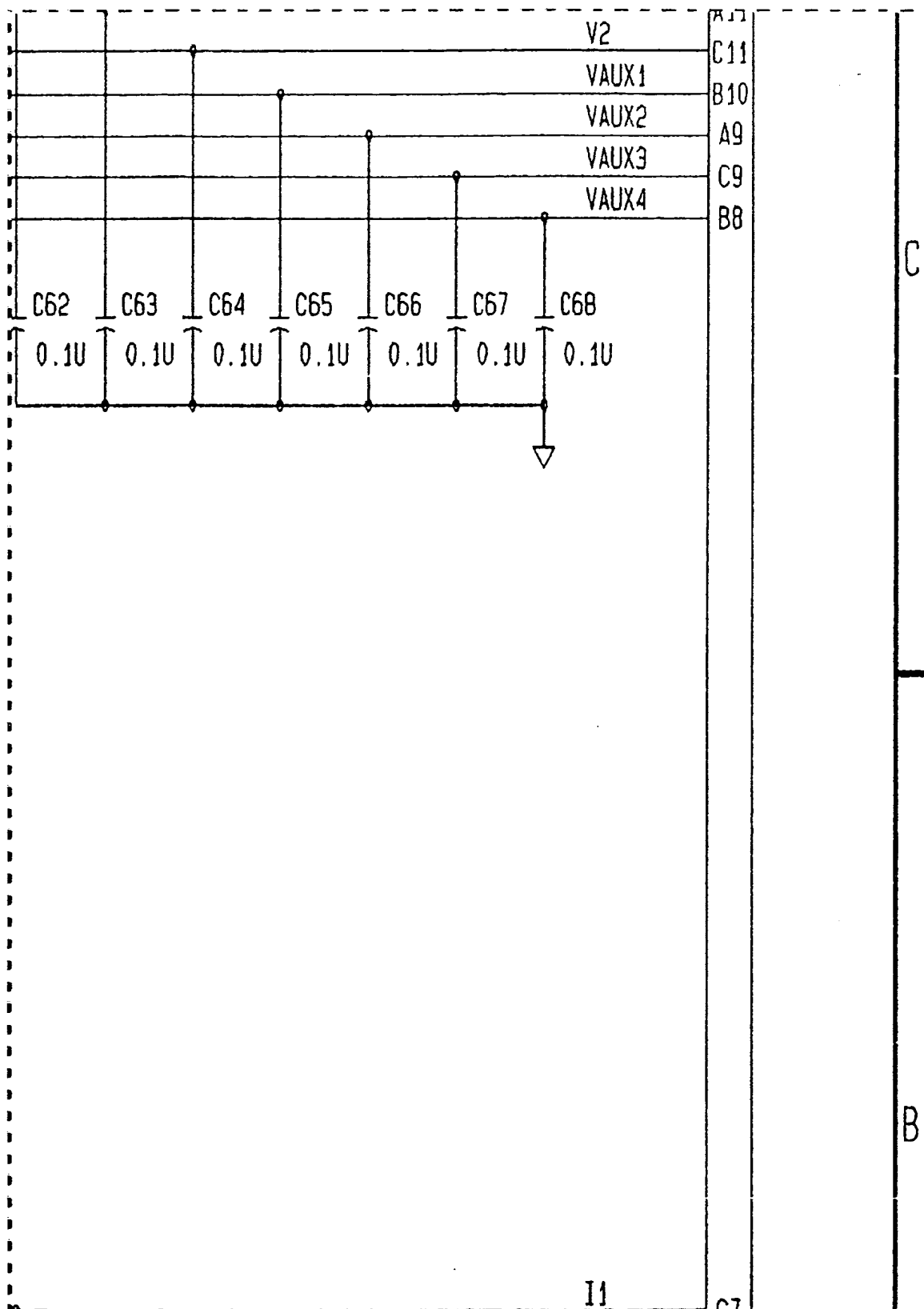
To Fig. 37b



To Fig. 37h

FIG. 37e

To Fig. 37c



To Fig. 37e

To Fig. 37i

FIG. 37f

Inventor(s): Ronald G. Hart

Attorney Docket No. ~~6270/70~~ 6270/110, Serial No. ~~40/068,431~~ 10/613,701

To Fig. 37d

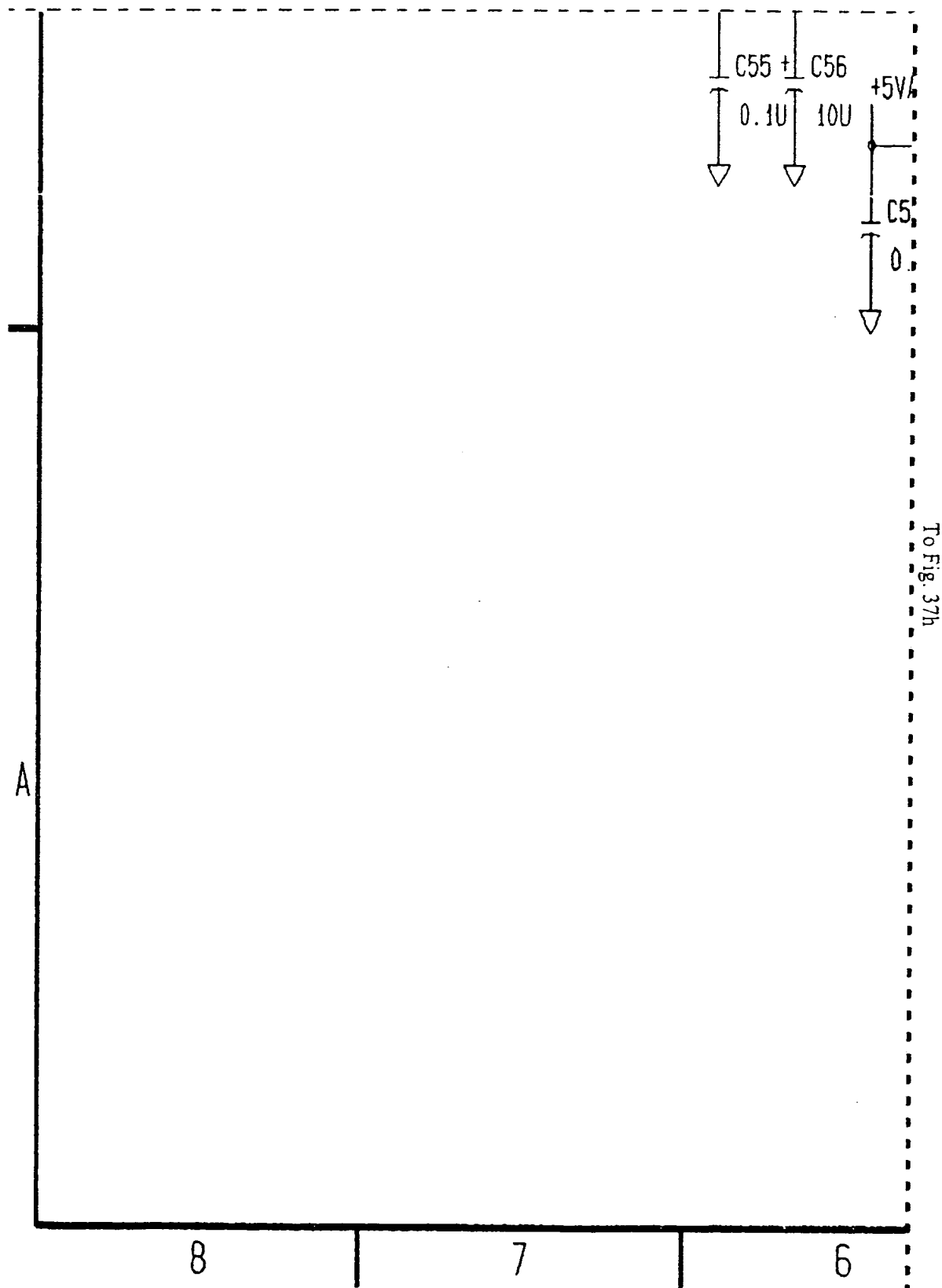


FIG. 37g

Inventor(s): Ronald G. Hart

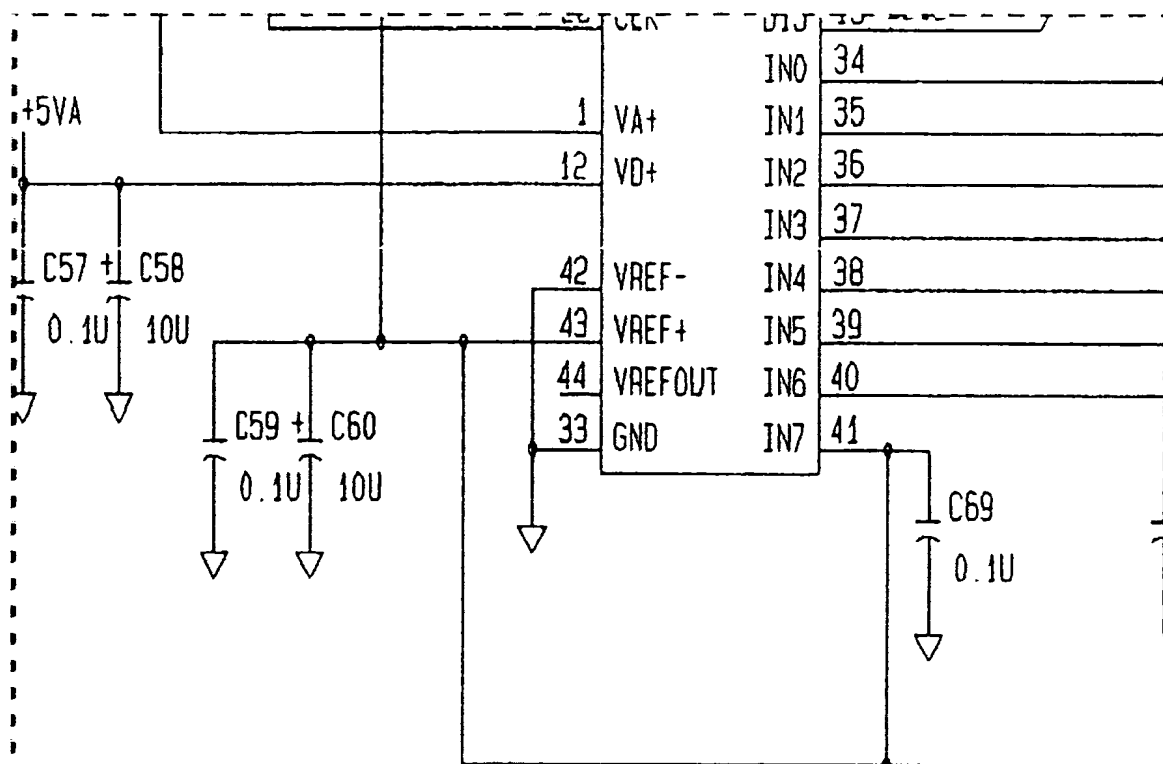
Attorney Docket No. 627076, Serial No. 40668,43T

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125 8807

To Fig. 37e



To Fig. 37g

To Fig. 37i

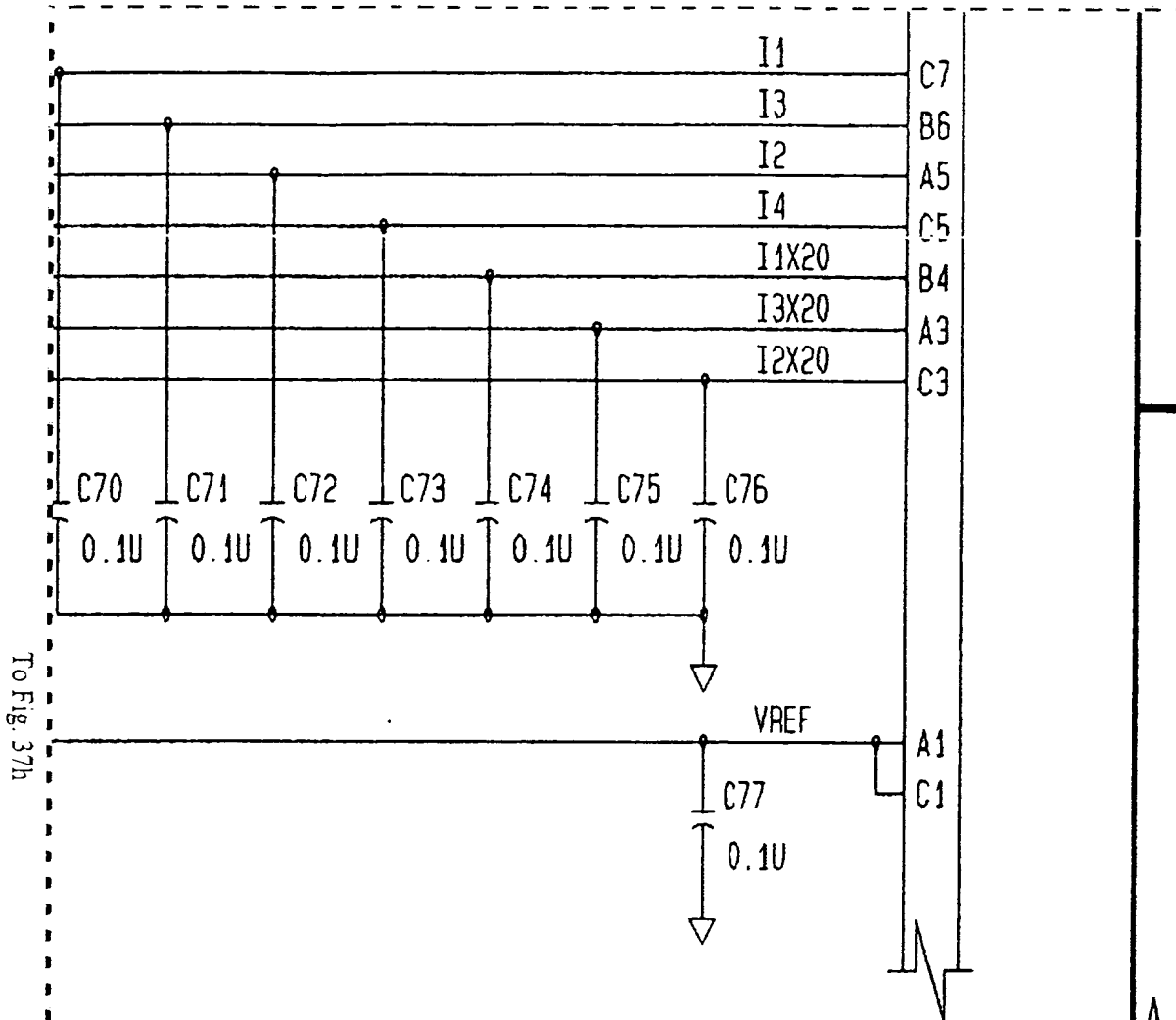
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FIG. 37h

To Fig. 37f



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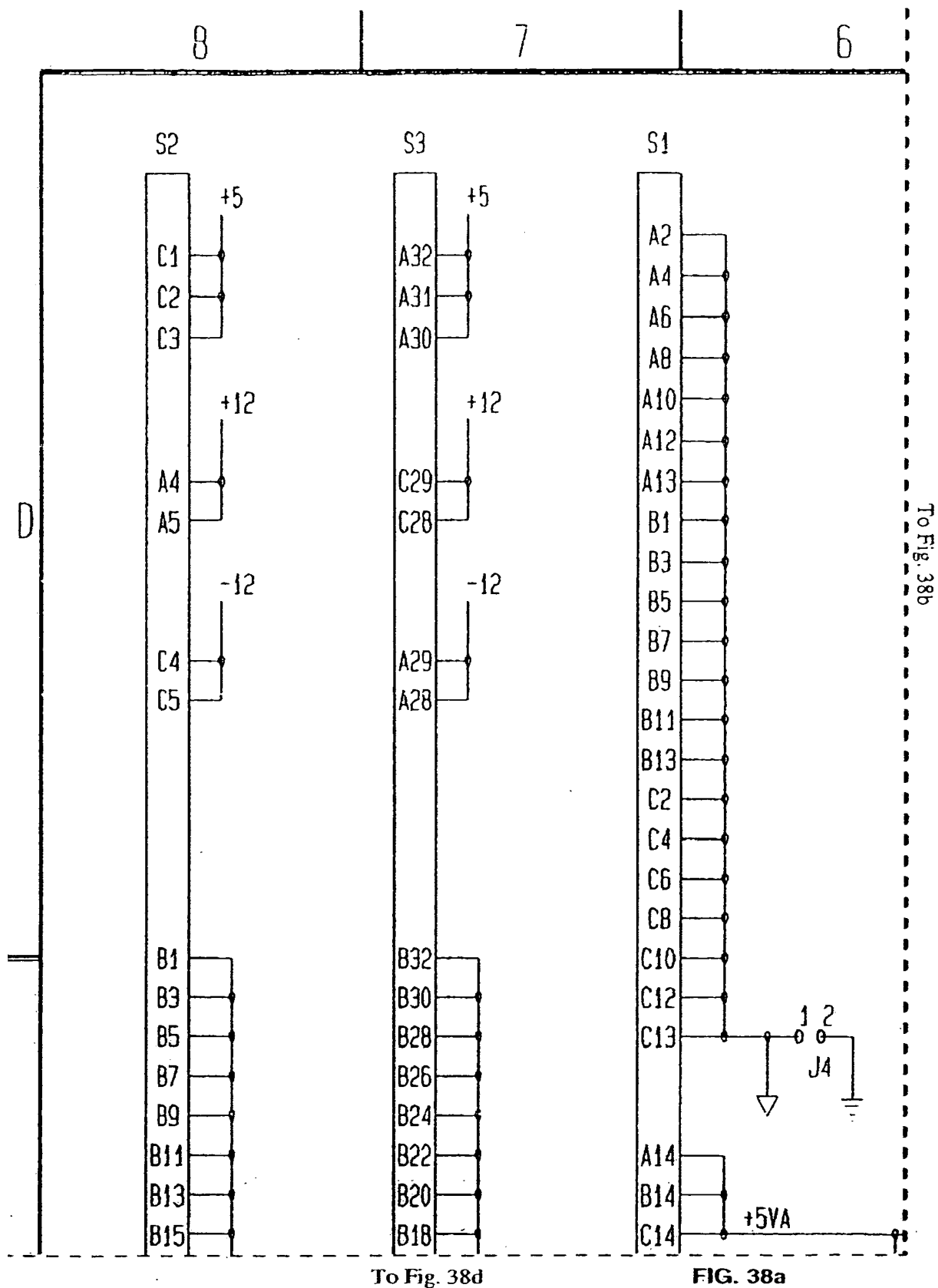
SHEET 7 OF 7

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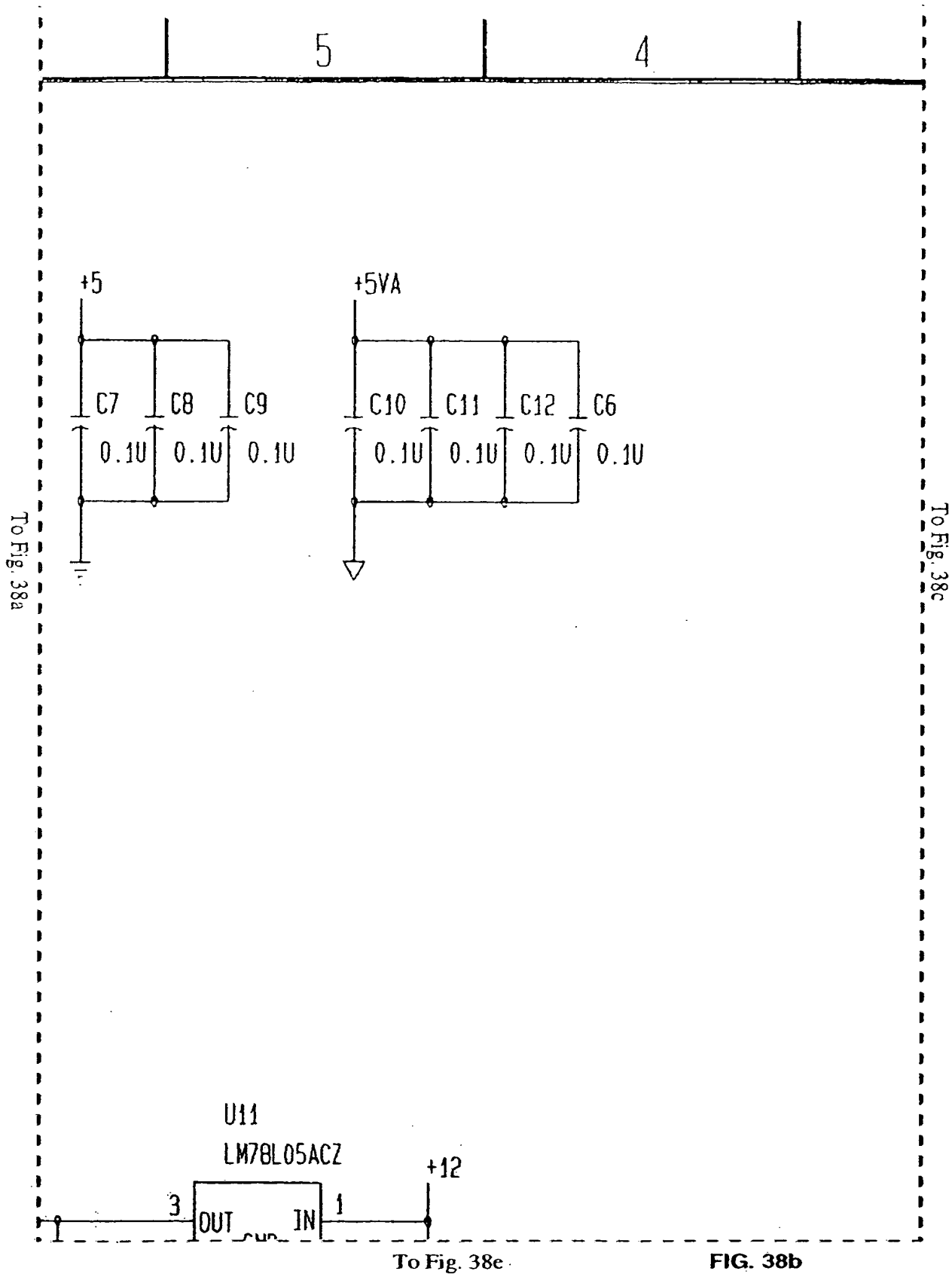
1

FIG. 37i



To Fig. 38d

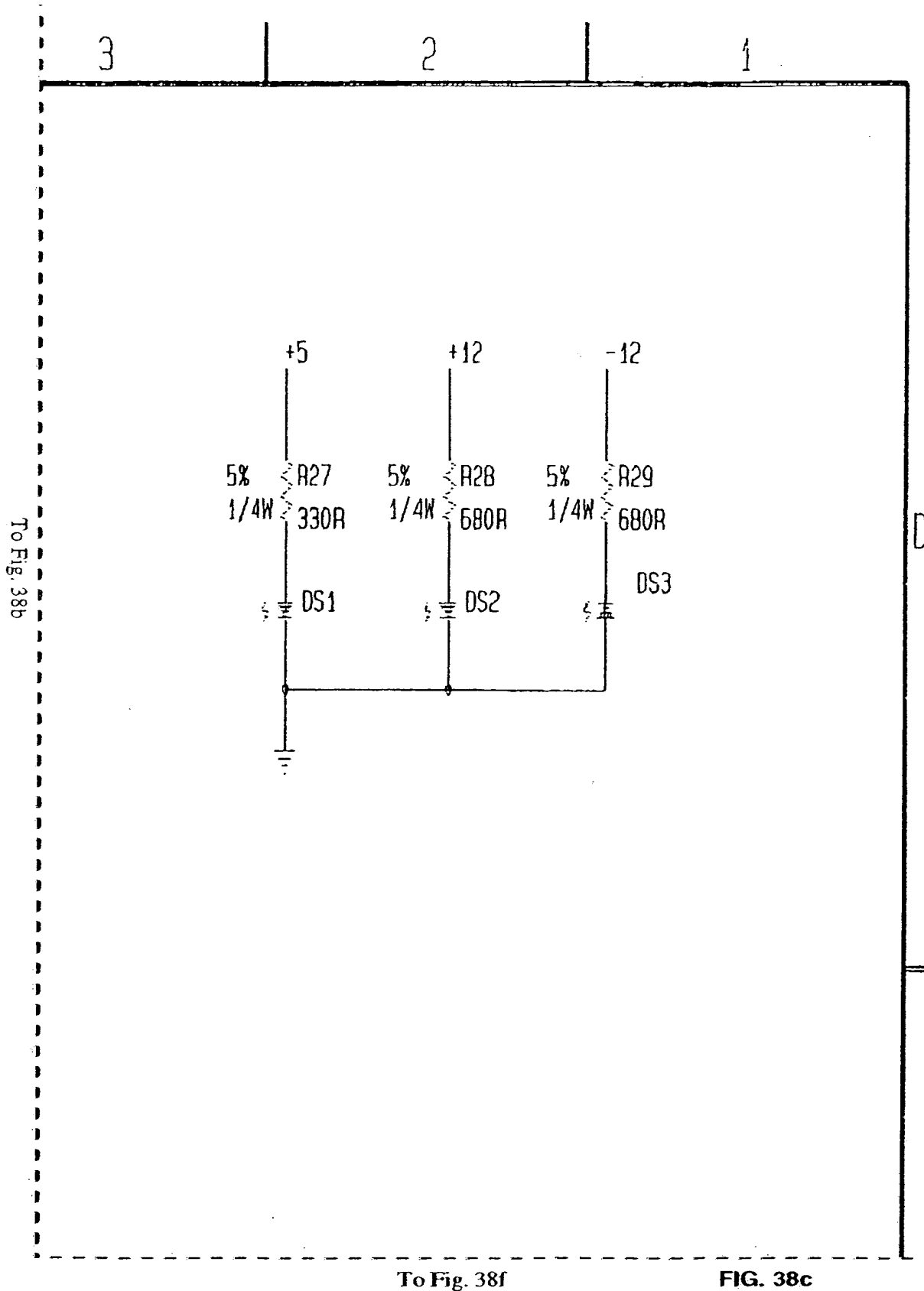
FIG. 38a



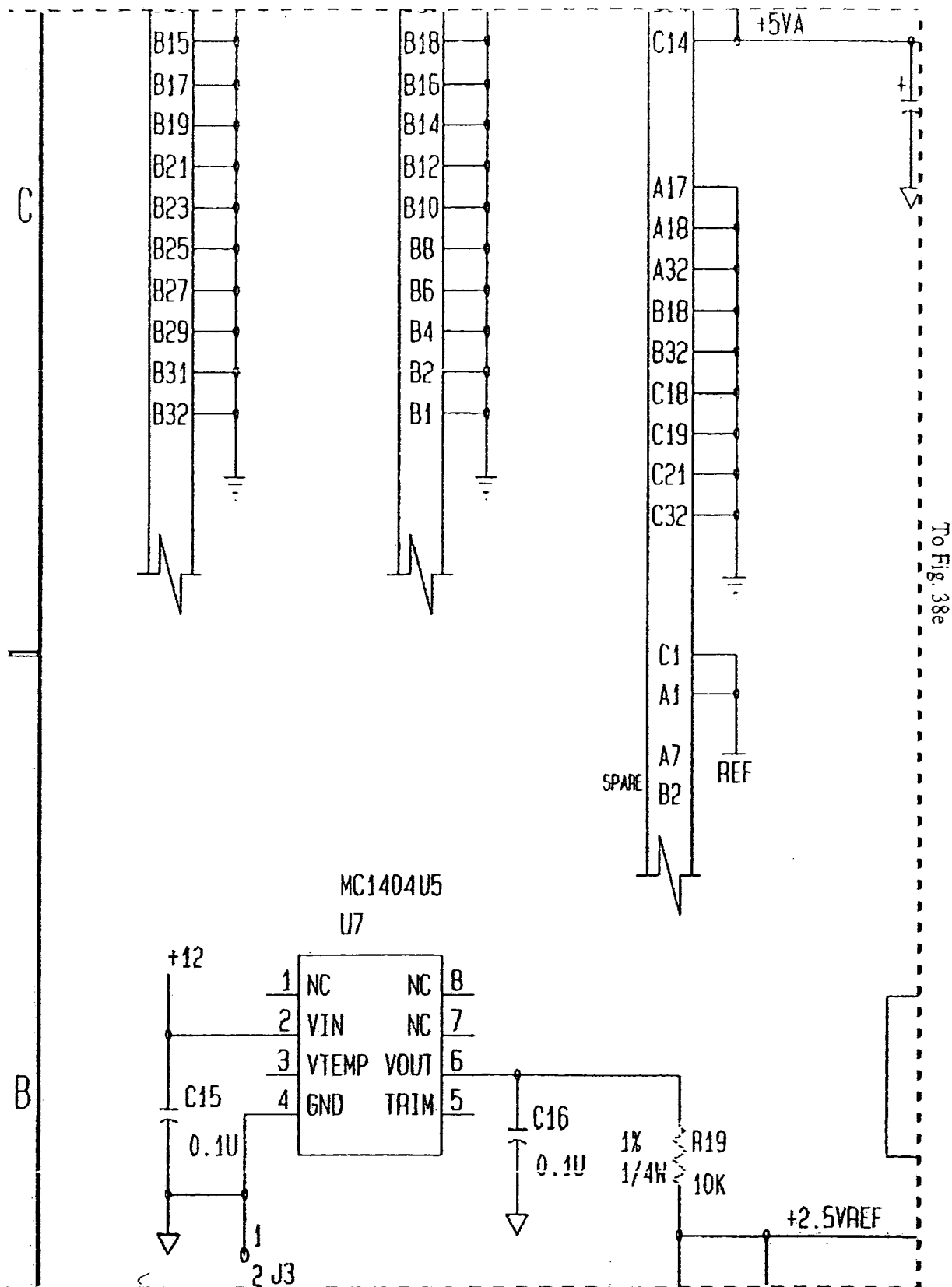
Inventor(s): Ronald G. Hart

Attorney Docket No. ~~6270/76~~ 6270/110 Serial No. ~~10/068,431~~ 10/613,701

129 8 207



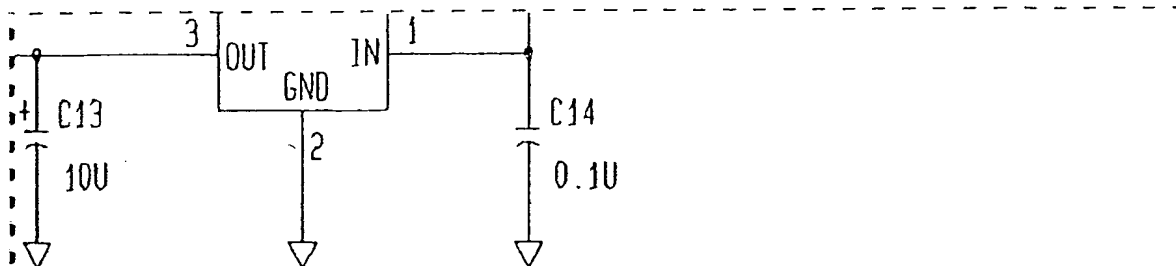
To Fig. 38a



To Fig. 38g

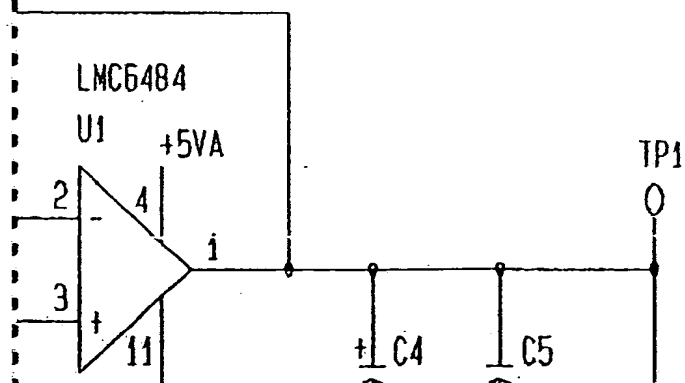
FIG. 38d

To Fig. 38b



To Fig. 38d

To Fig. 38f



To Fig. 38h

FIG. 38e

Patent Application for: PHASOR TRANSDUCER APPARATUS AND SYSTEM FOR PROTECTION, CONTROL, AND
MANAGEMENT OF ELECTRICITY DISTRIBUTION SYSTEMS

Inventor(s): Ronald G. Hart

Attorney Docket No. ~~027076~~, Serial No. ~~40/060,434~~

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10/613,701

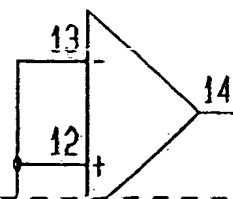
To Fig. 38c

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To Fig. 38i

FIG. 38f

To Fig. 38e

To Fig. 38d

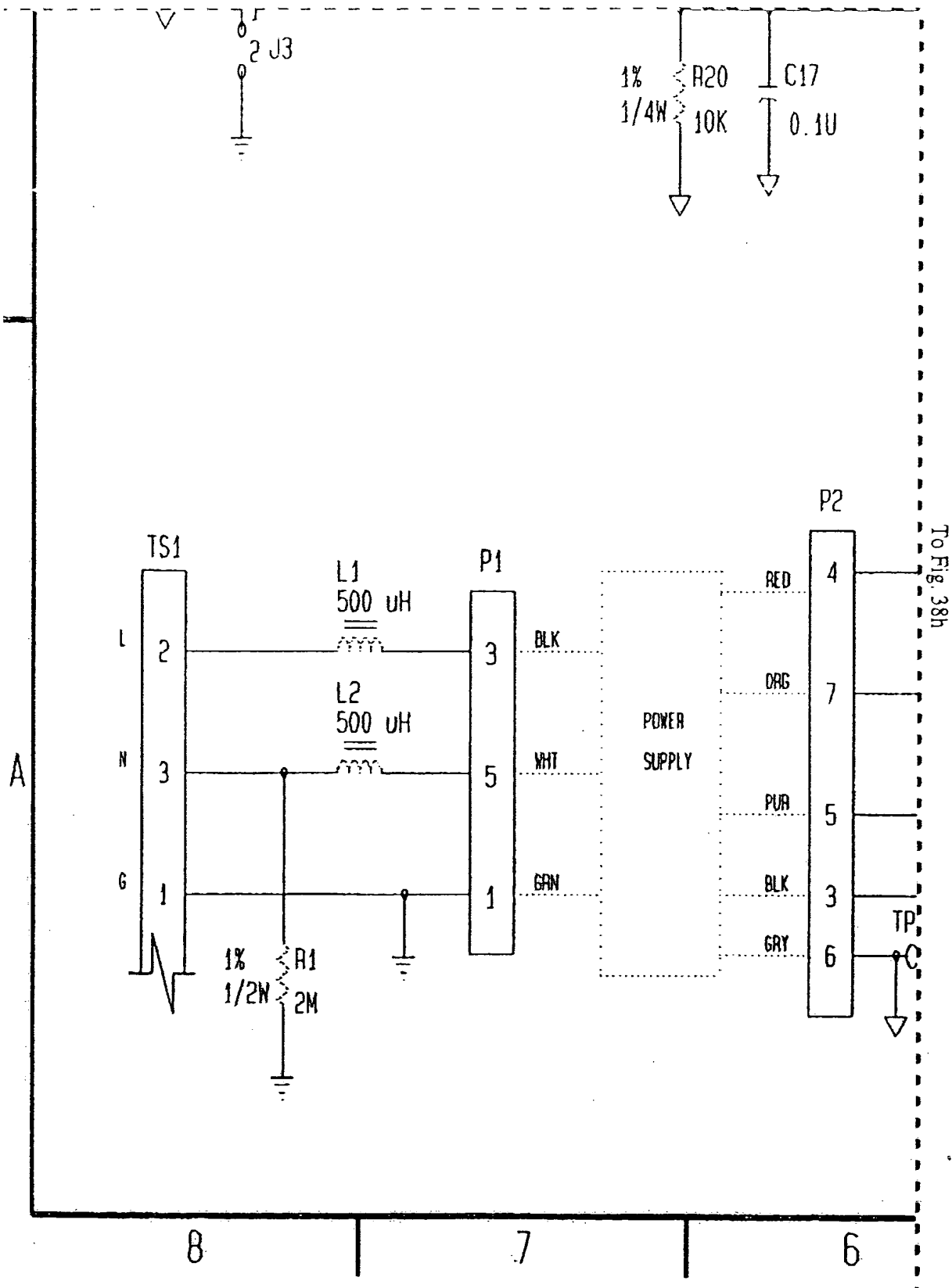
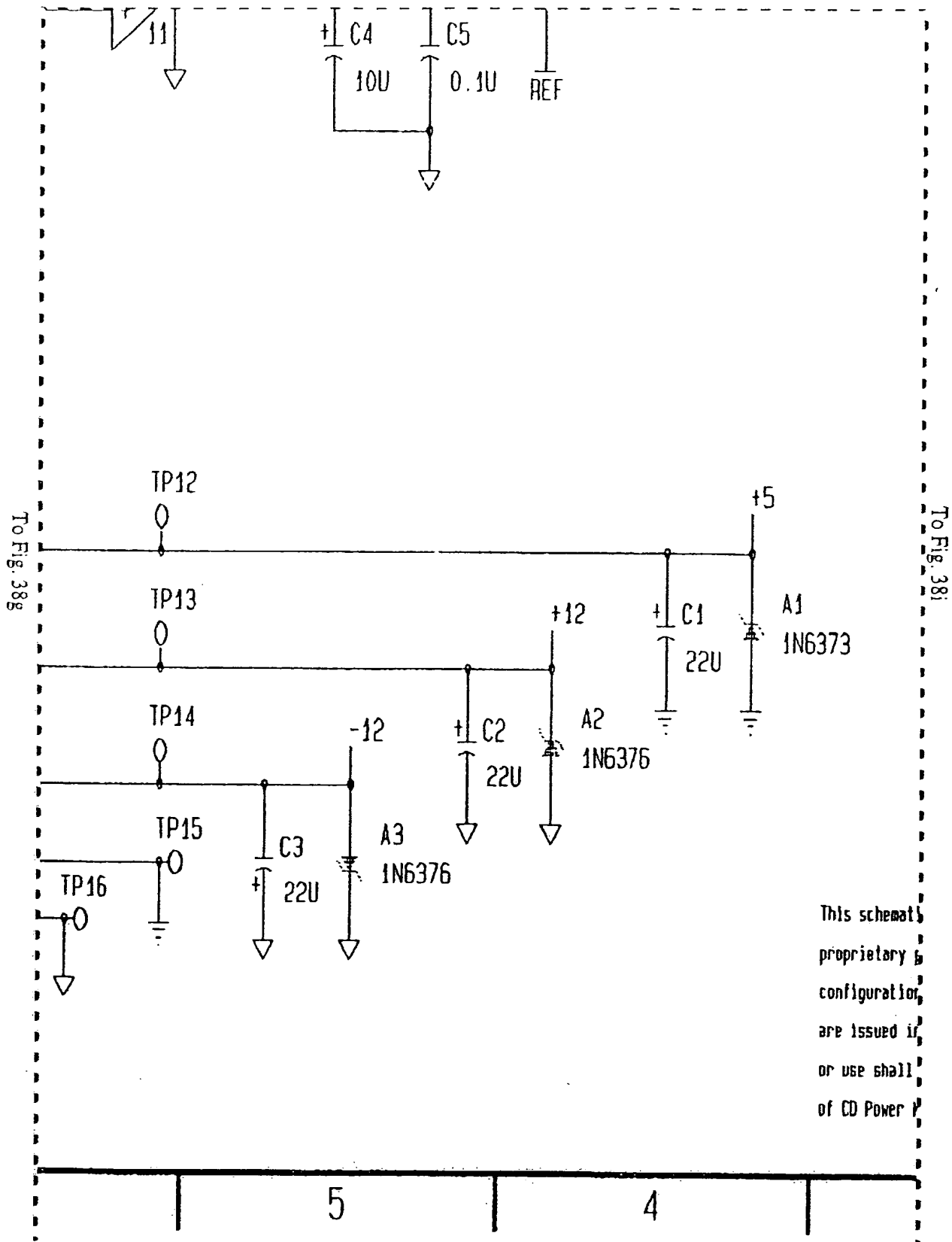


FIG. 38g

To Fig. 38e

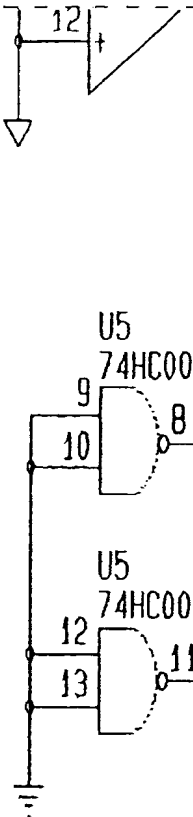


Inventor(s): Ronald G. Hart

Attorney Docket No. 6270/110, Serial No. 10/066,431

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10/613,701

To Fig. 38f



LAST USED:

U11
R39
C30
S6
P4
A16
DS3
TP16
J5
PTC3
TS3
L2
T4

To Fig. 38h

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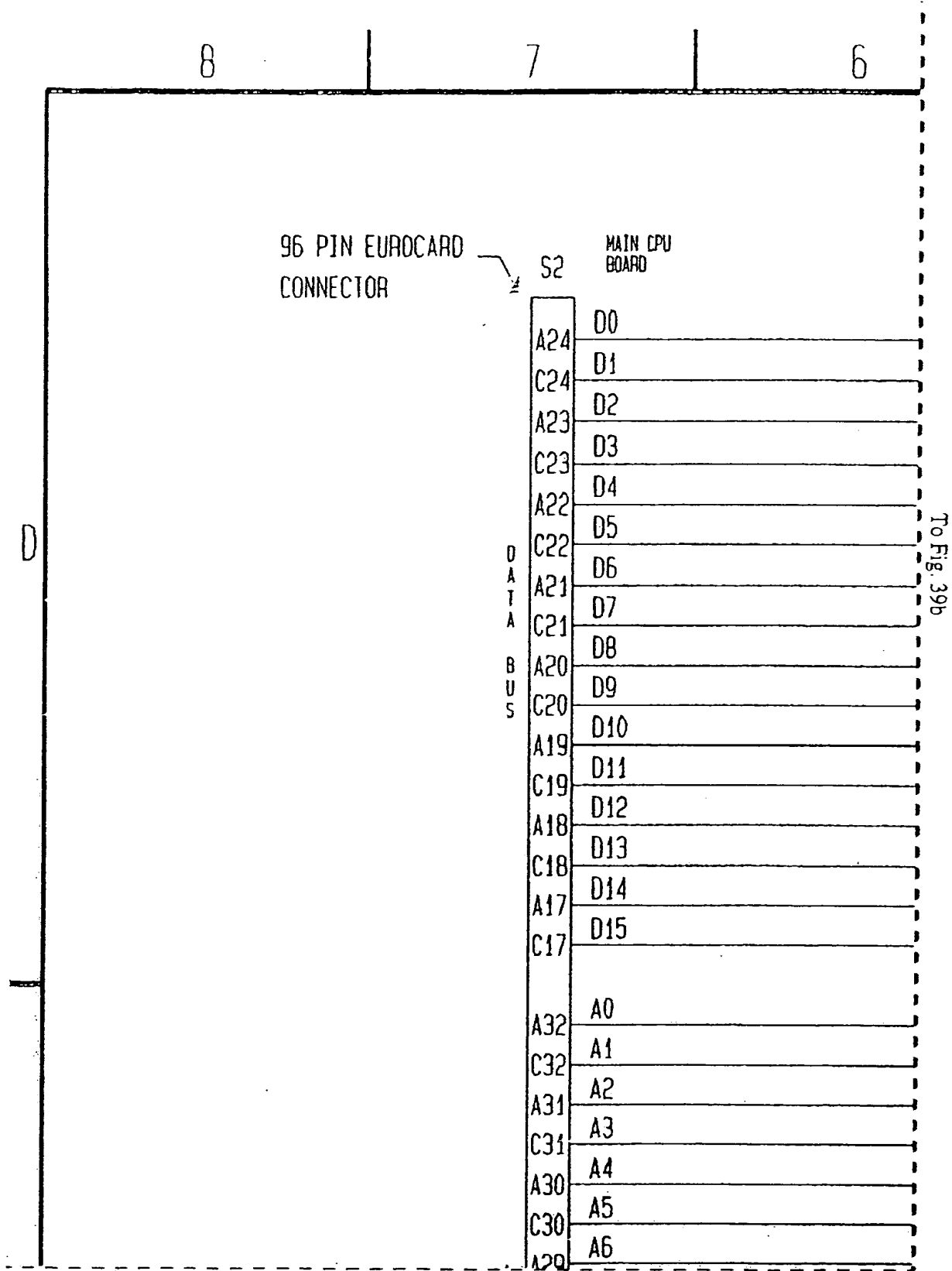
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DATE: OCT 20, 1993		SHEET 1 OF 7	

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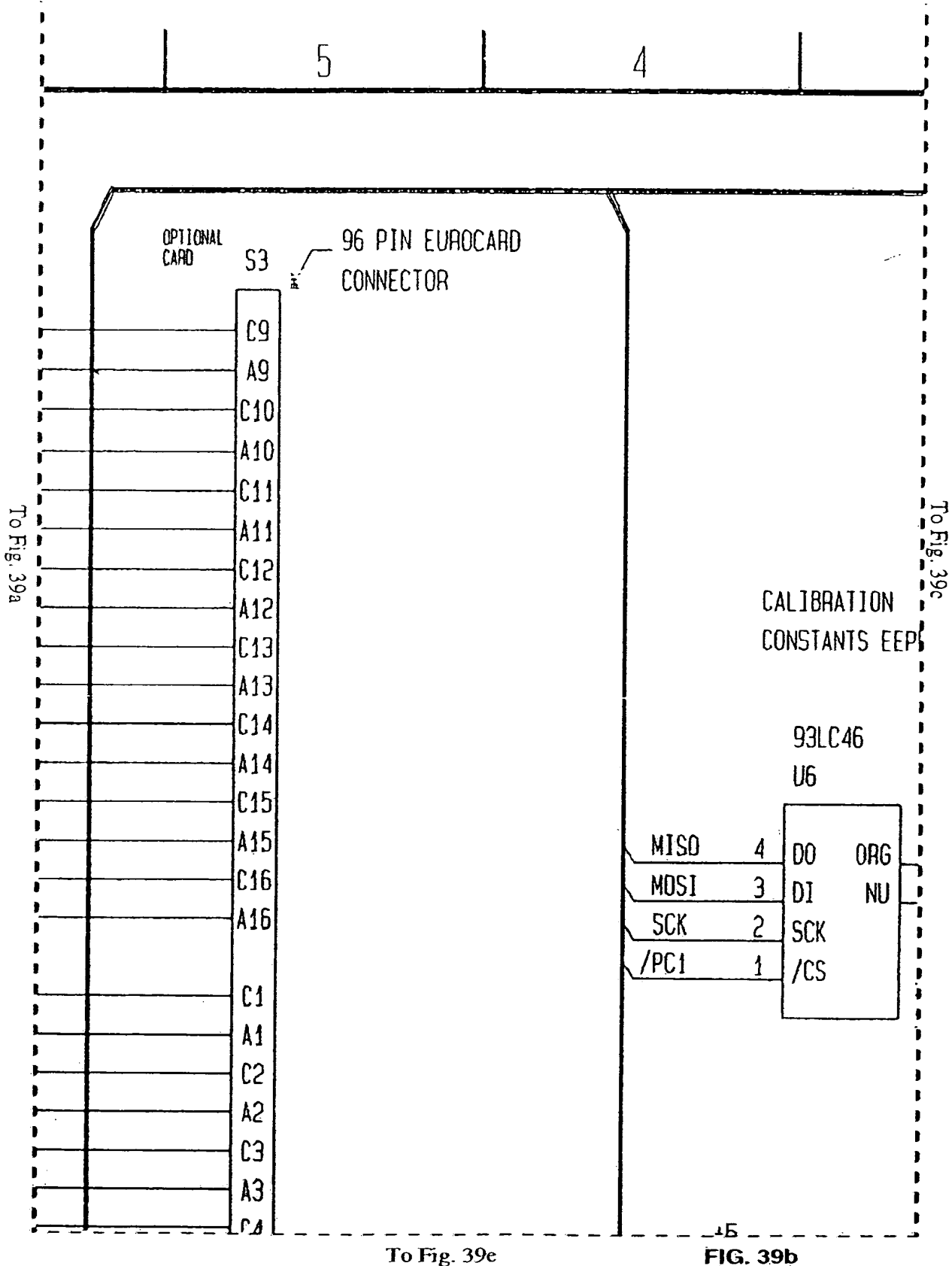
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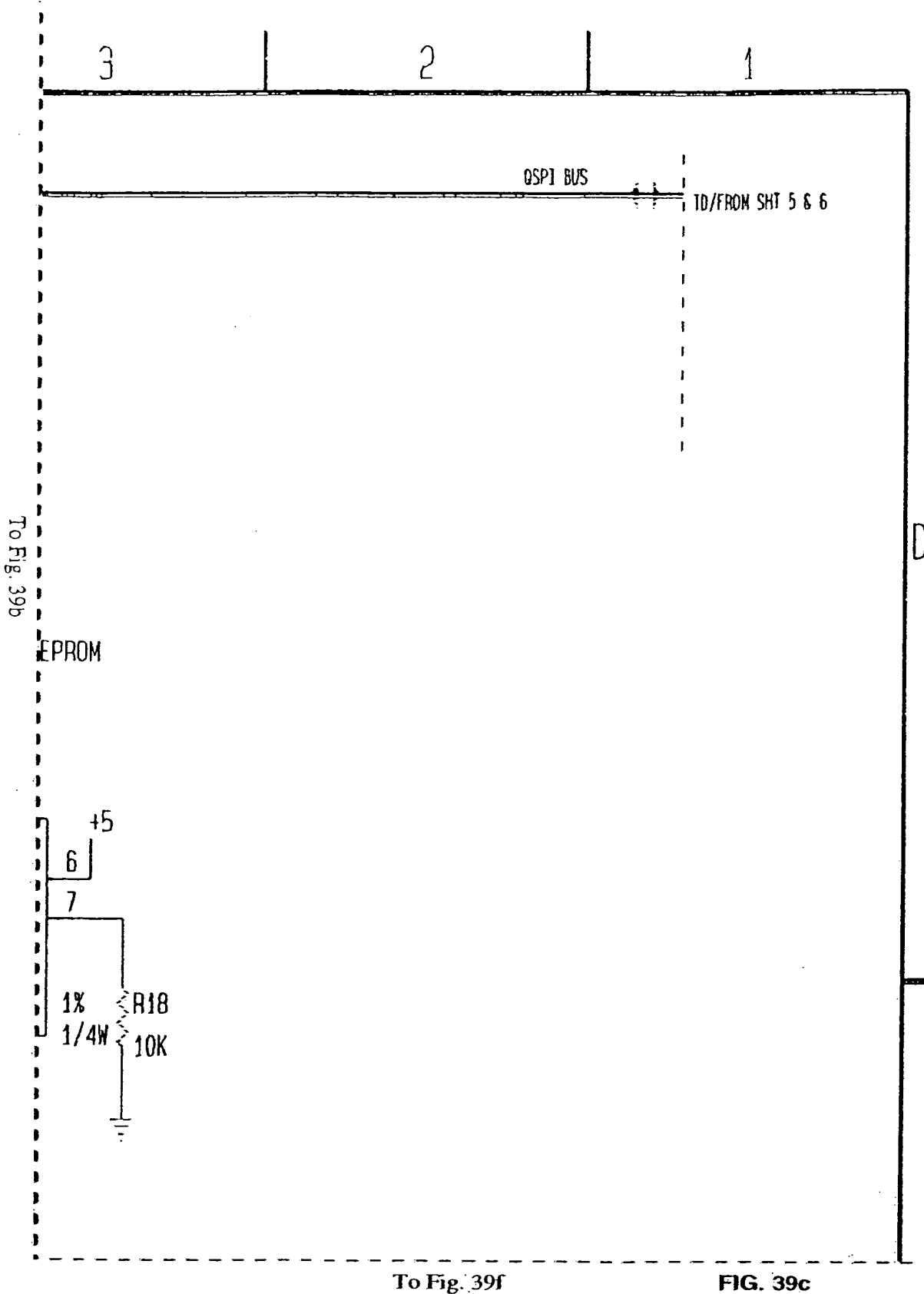
FIG. 38i



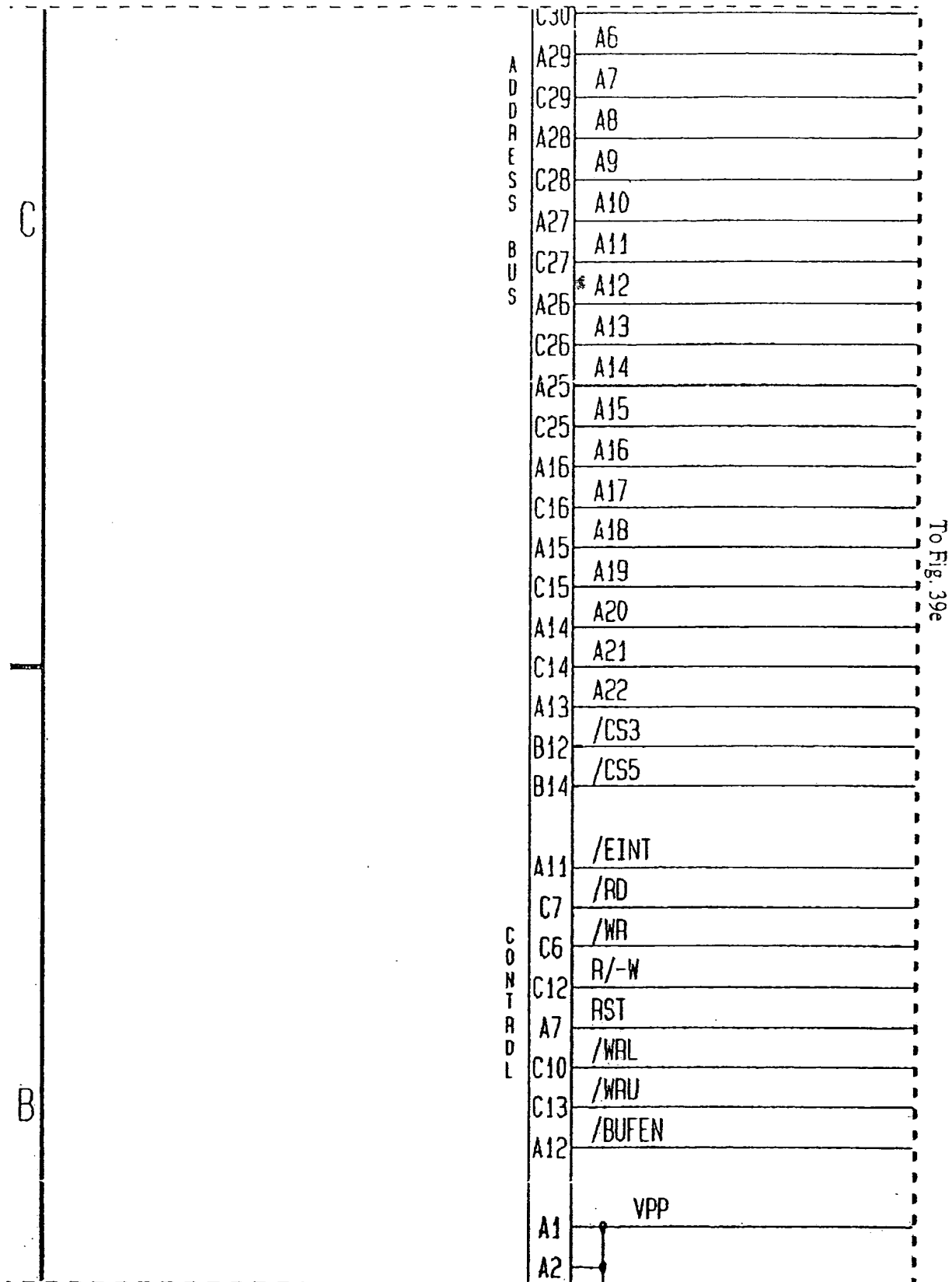
To Fig. 39d

FIG. 39a





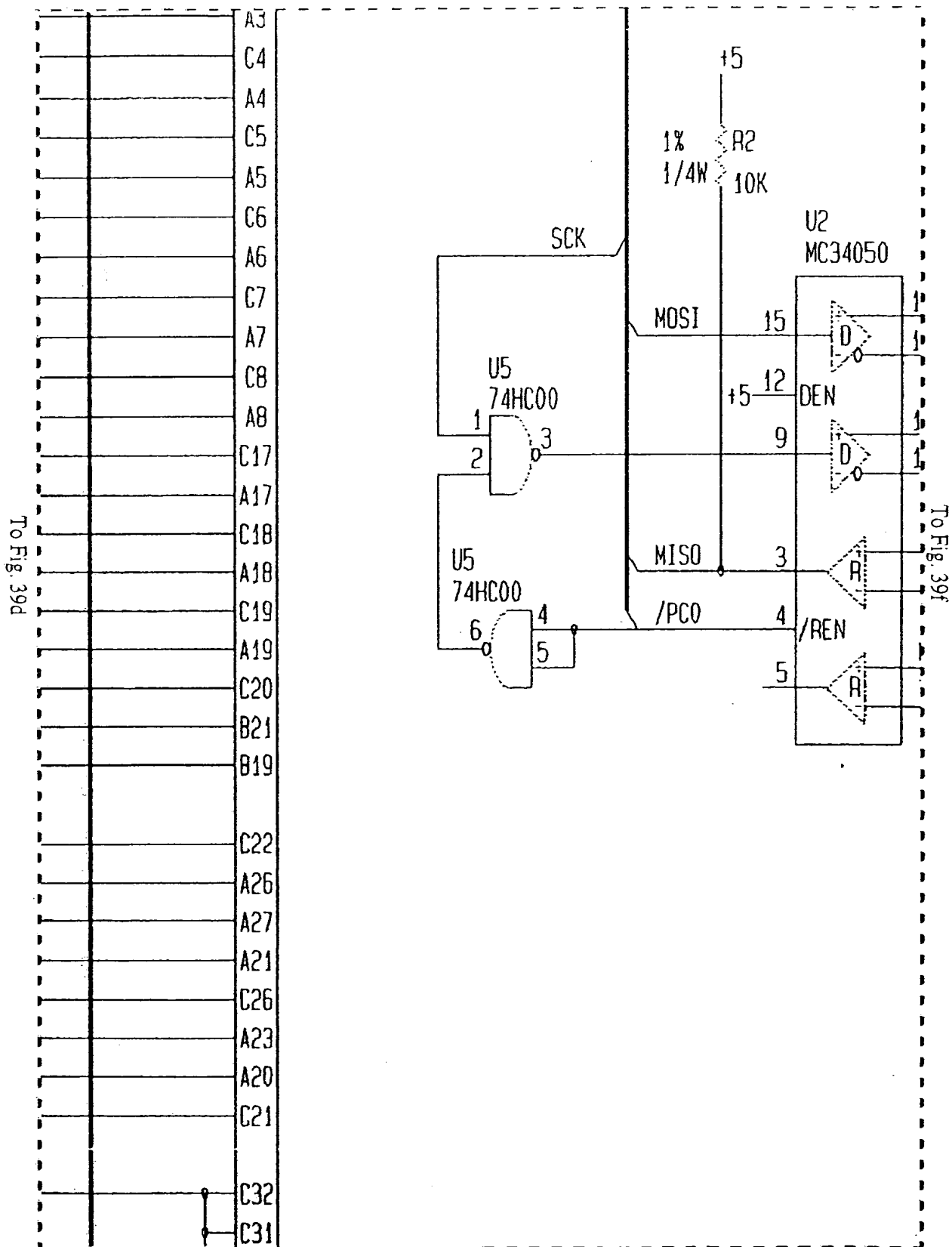
To Fig. 39a



To Fig. 39g

FIG. 39d

To Fig. 39b

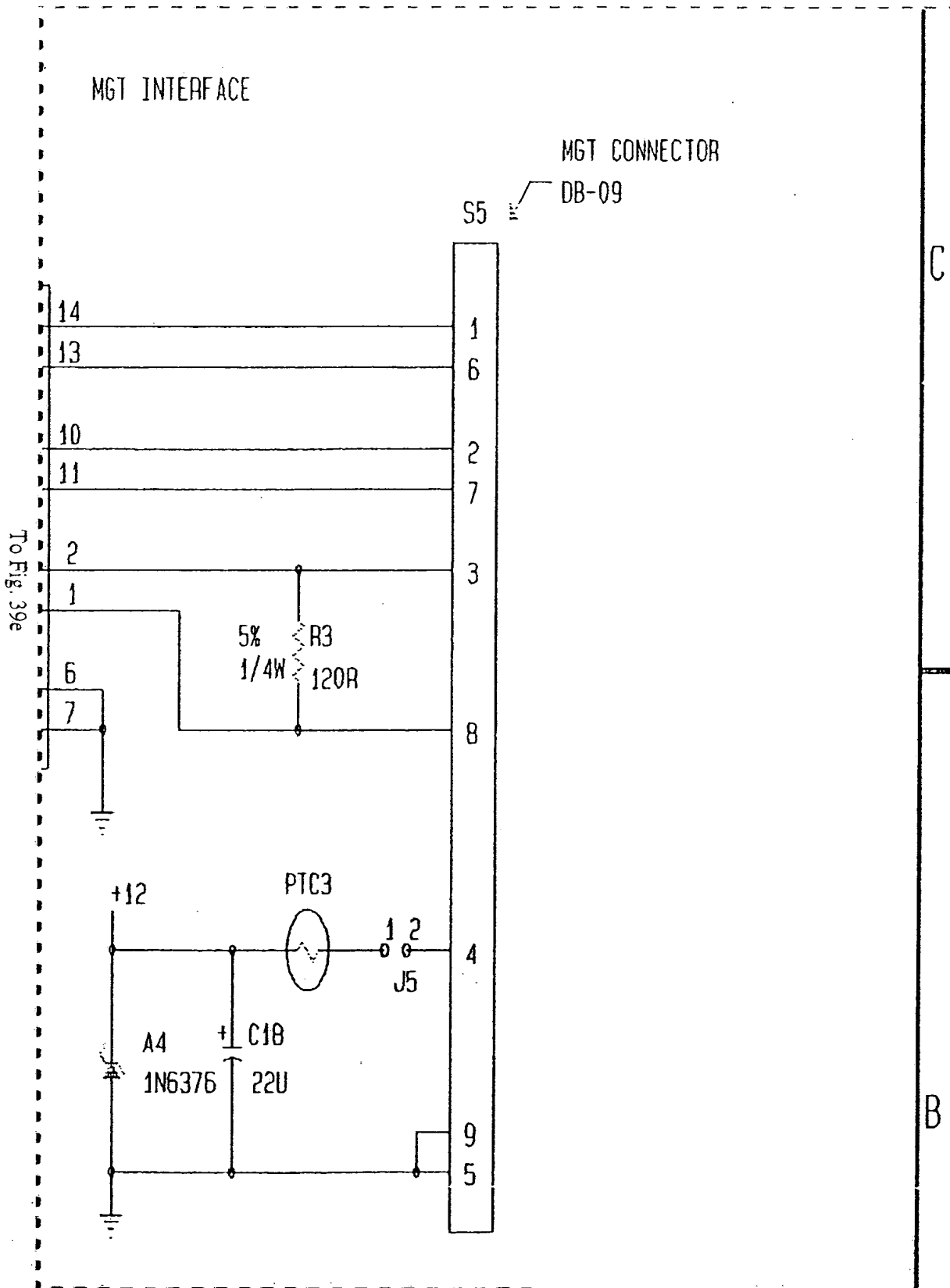


To Fig. 39h

FIG. 39e

141 of 207

To Fig. 39c



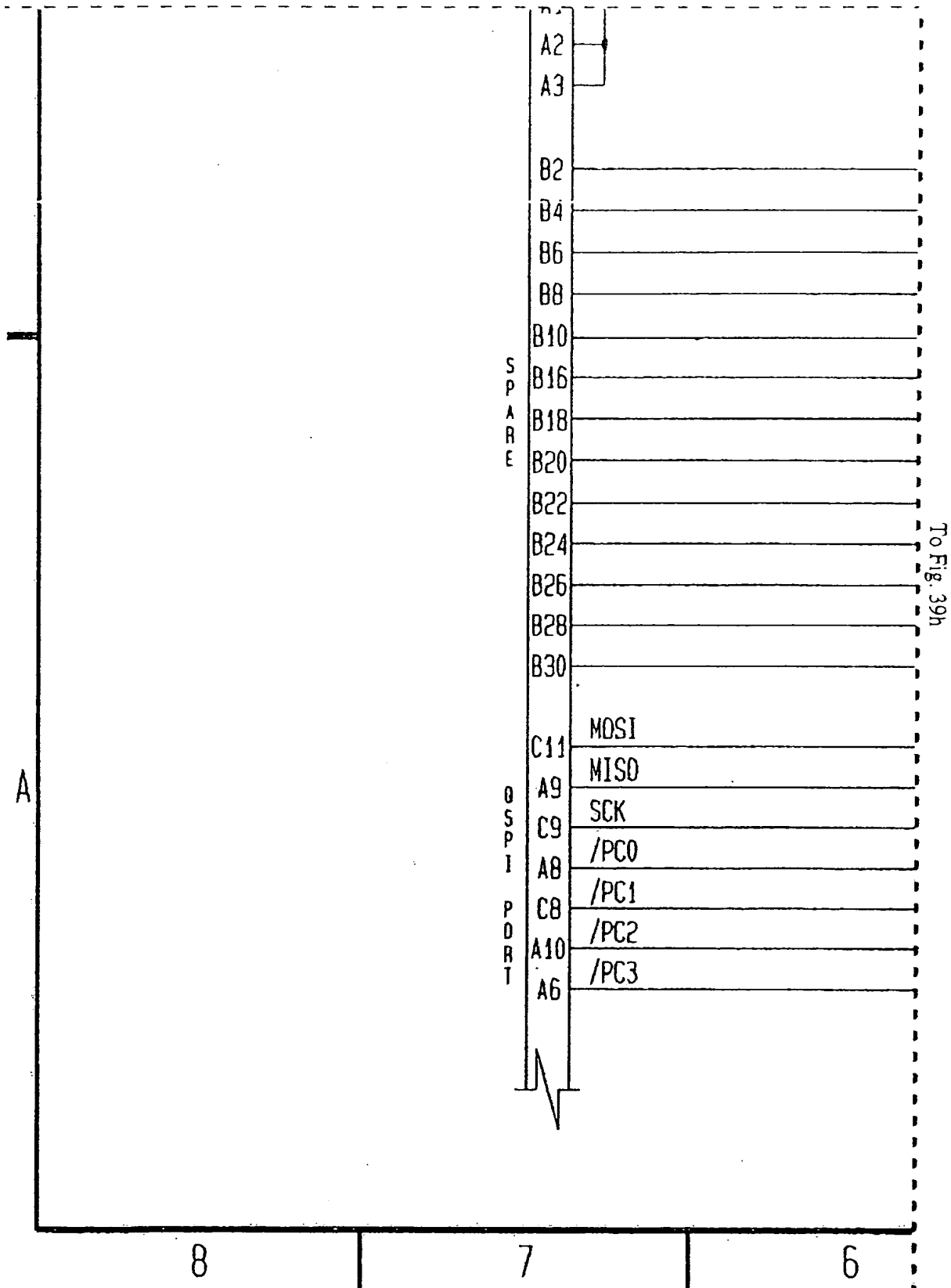
To Fig. 39i

FIG. 39f

142 8207

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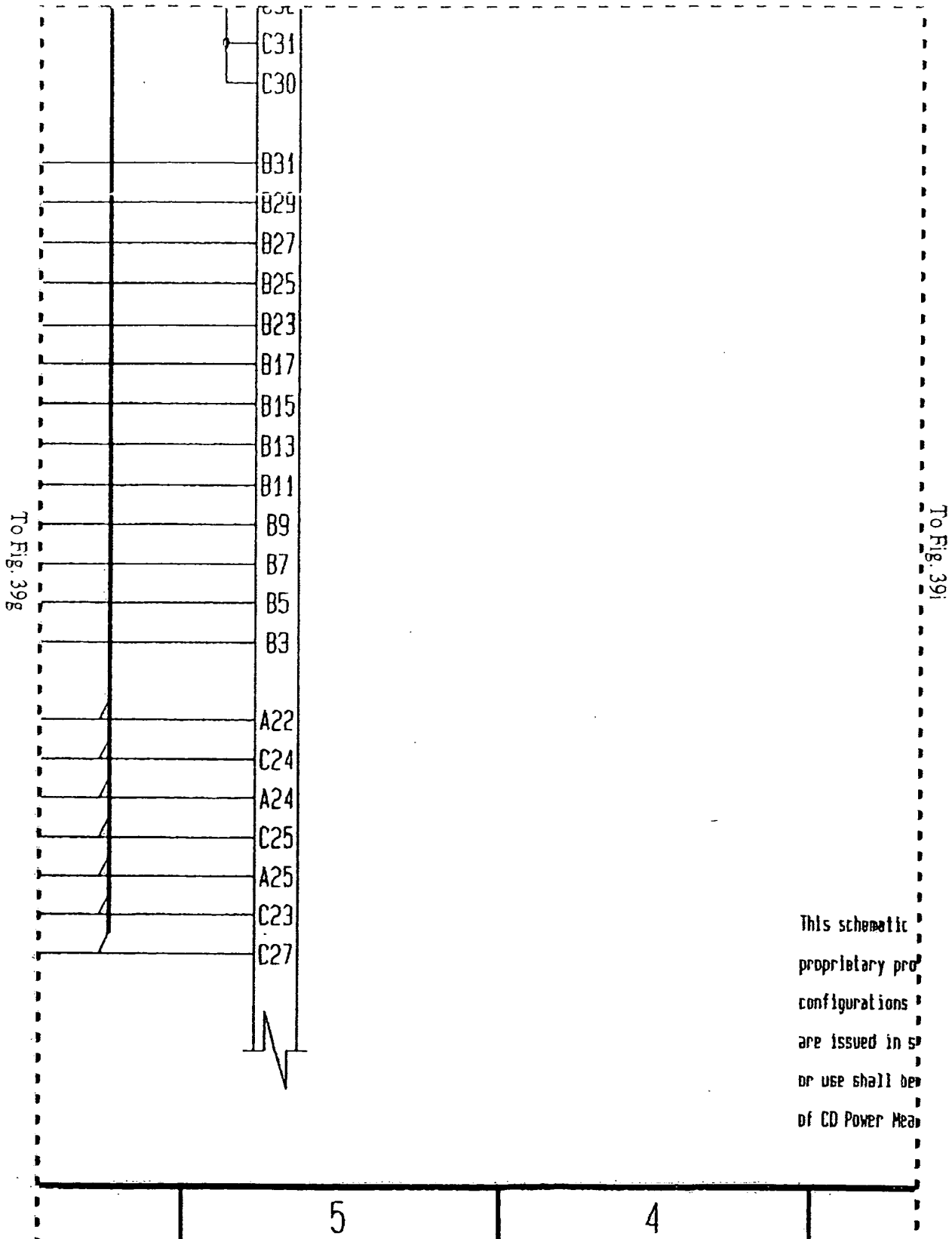
To Fig. 39d



To Fig. 39h

FIG. 39g

To Fig. 39e



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FIG. 39h

Inventor(s): Ronald G. Hart

Attorney Docket No. 6270/76, Serial No. 10/068,451 144 06 307
110 13,701

To Fig. 39f

To Fig. 39h

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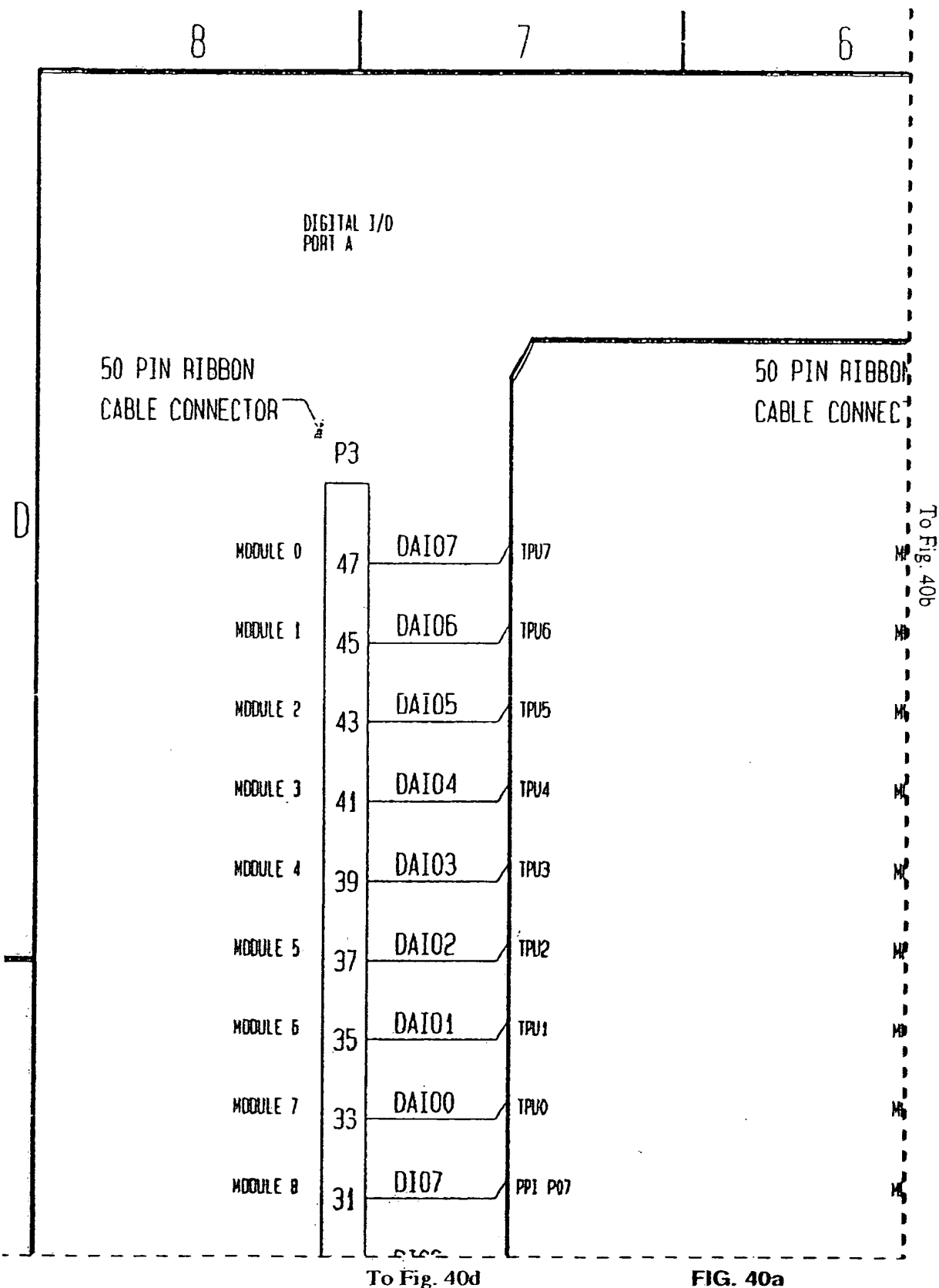
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FIG. 39i

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Patent Application for: PHASOR TRANSDUCER APPARATUS AND SYSTEM FOR PROTECTION, CONTROL, AND MANAGEMENT OF ELECTRICITY DISTRIBUTION SYSTEMS

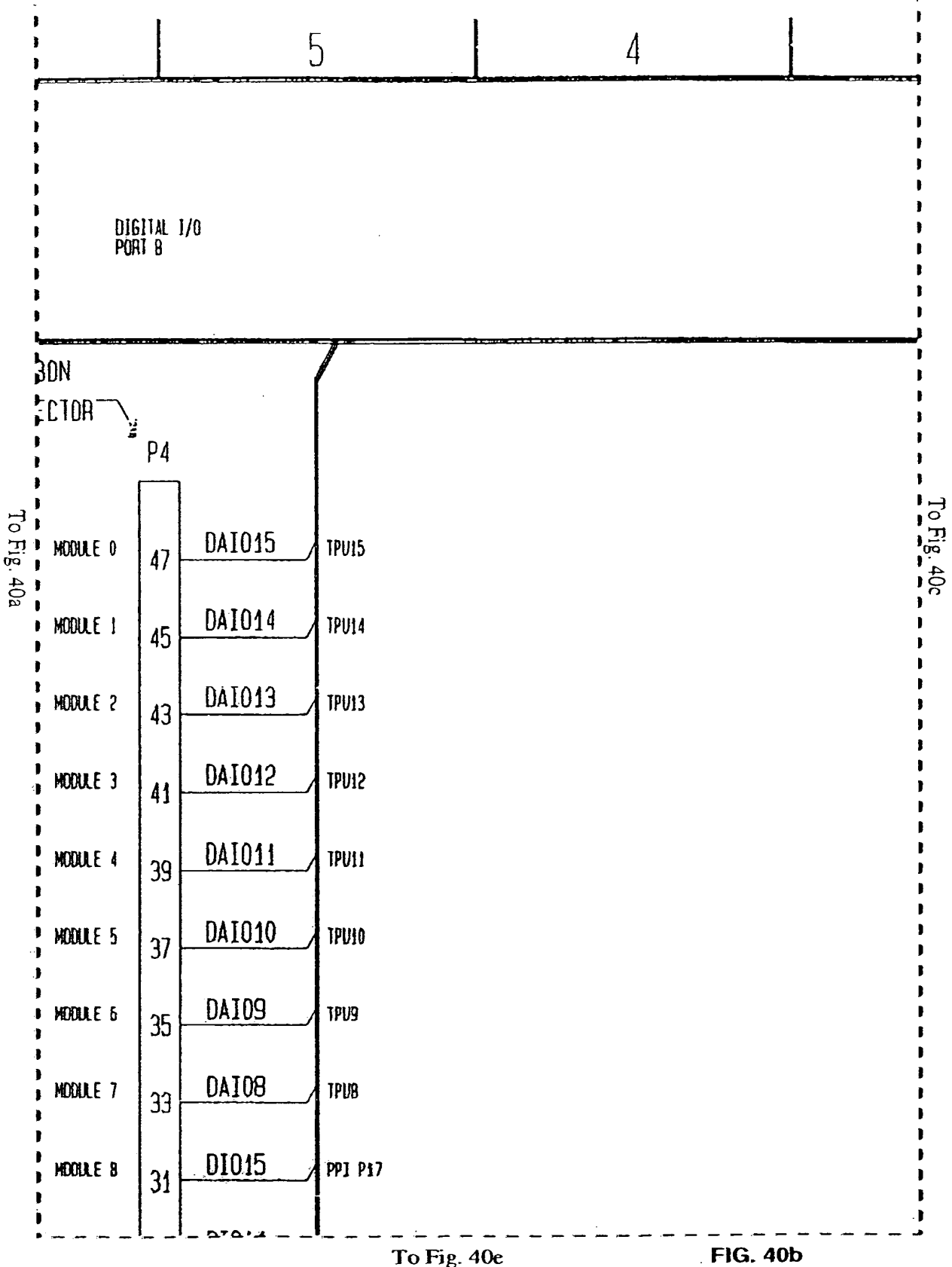
Inventor(s): Ronald G. Hart

Attorney Docket No. 6270/76, Serial No. 10/968,431

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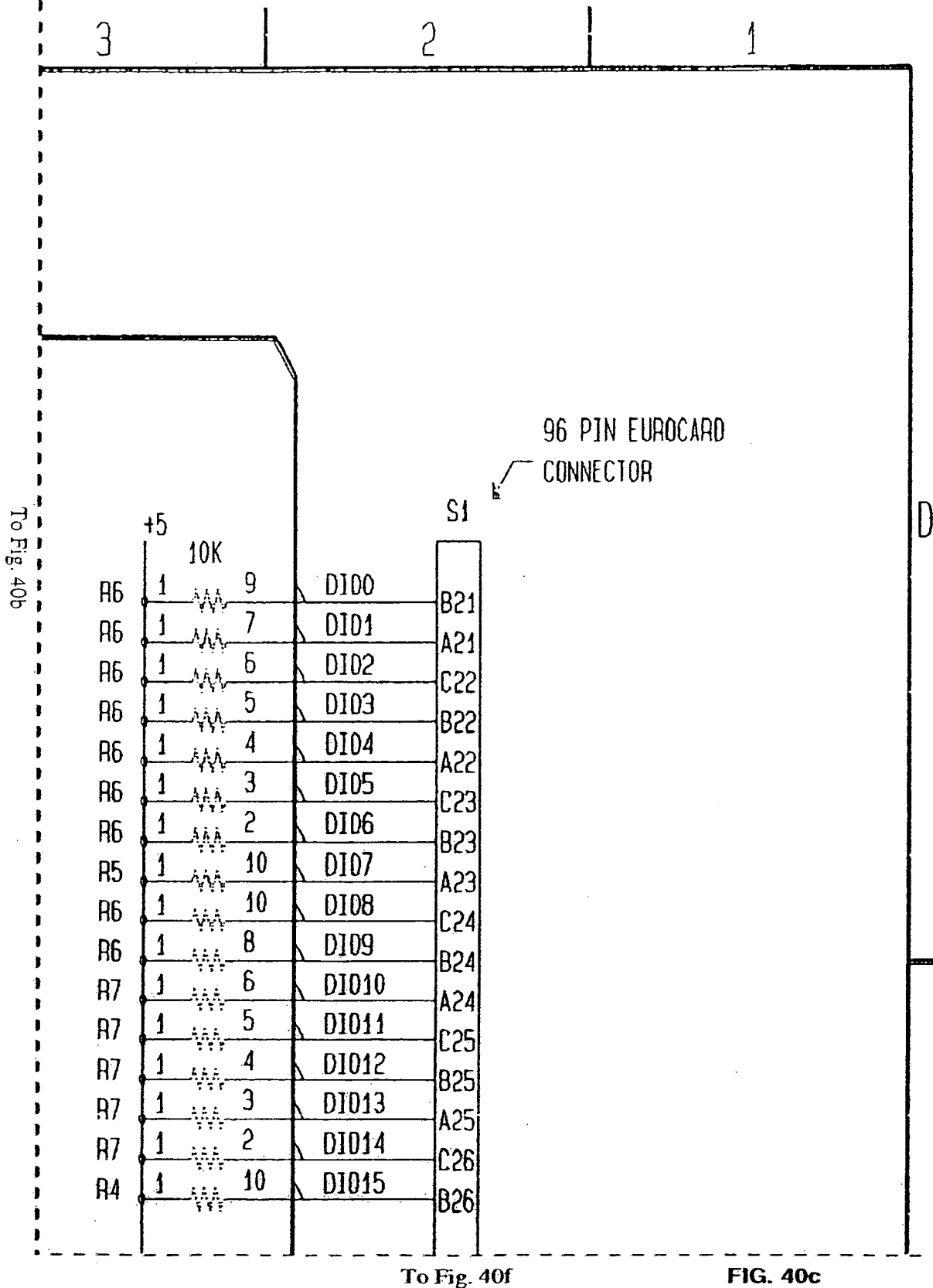
146 8207

613,701

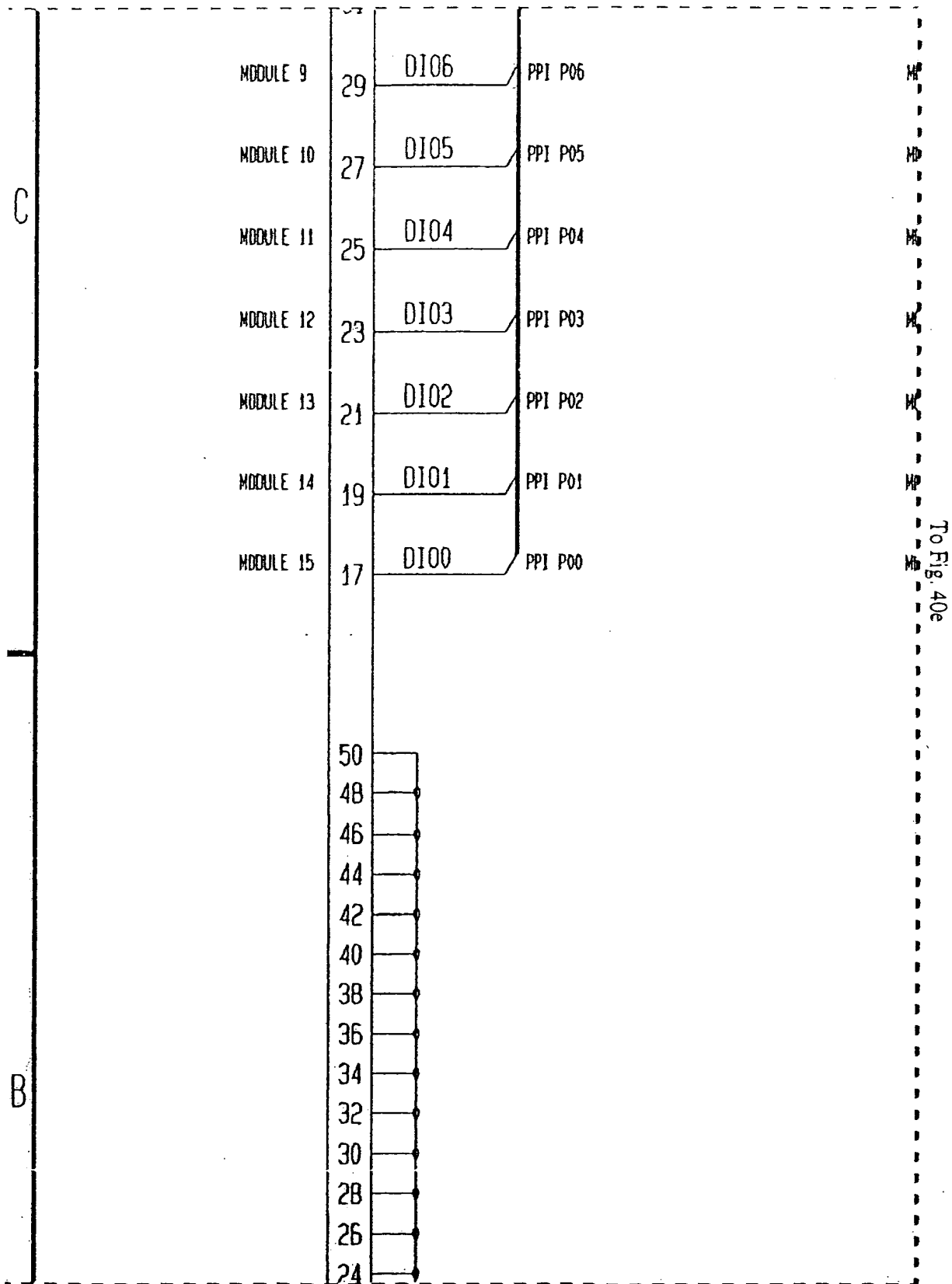


To Fig. 40e

FIG. 40b



To Fig. 40a



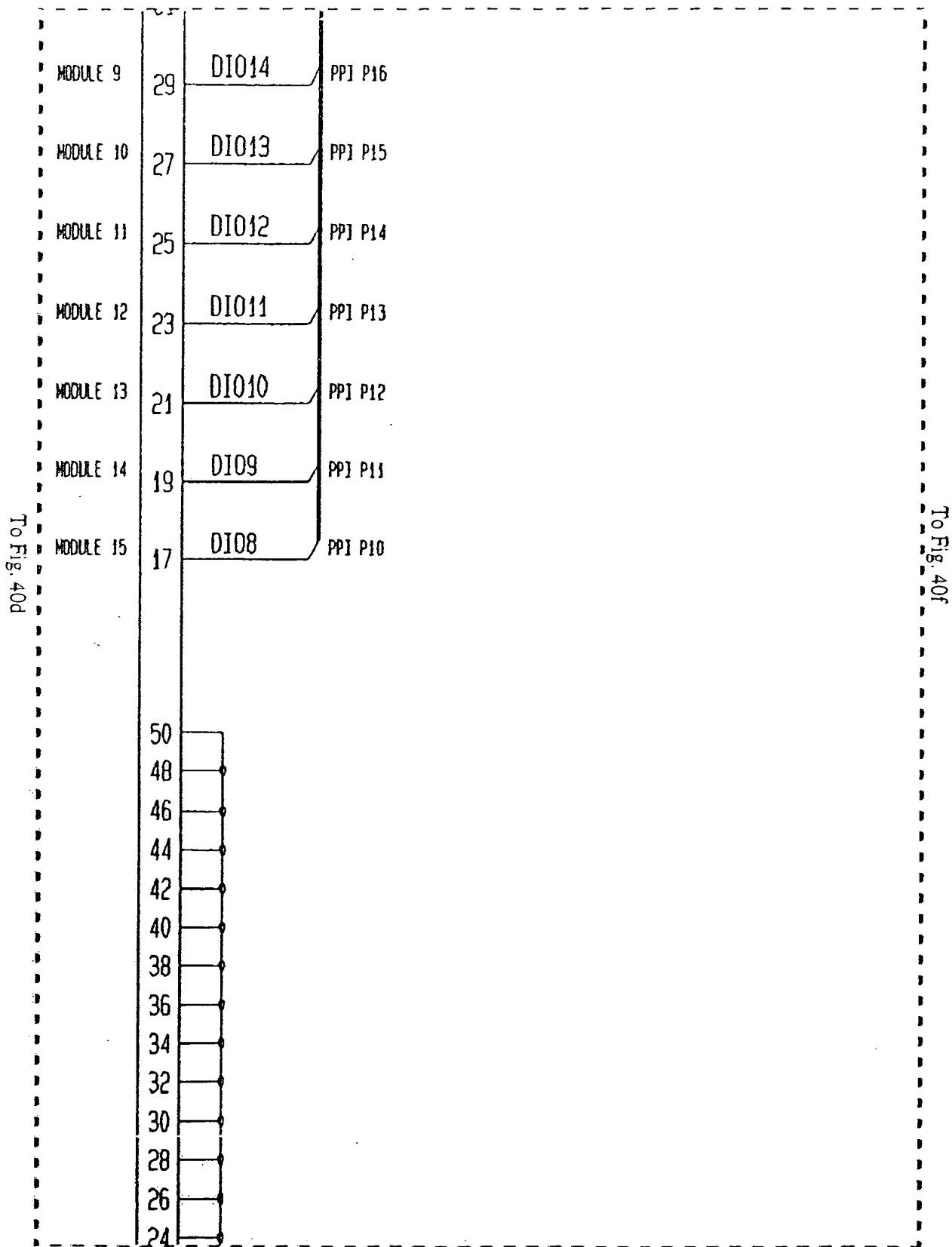
To Fig. 40g

FIG. 40d

149 8 207

116

To Fig. 40b



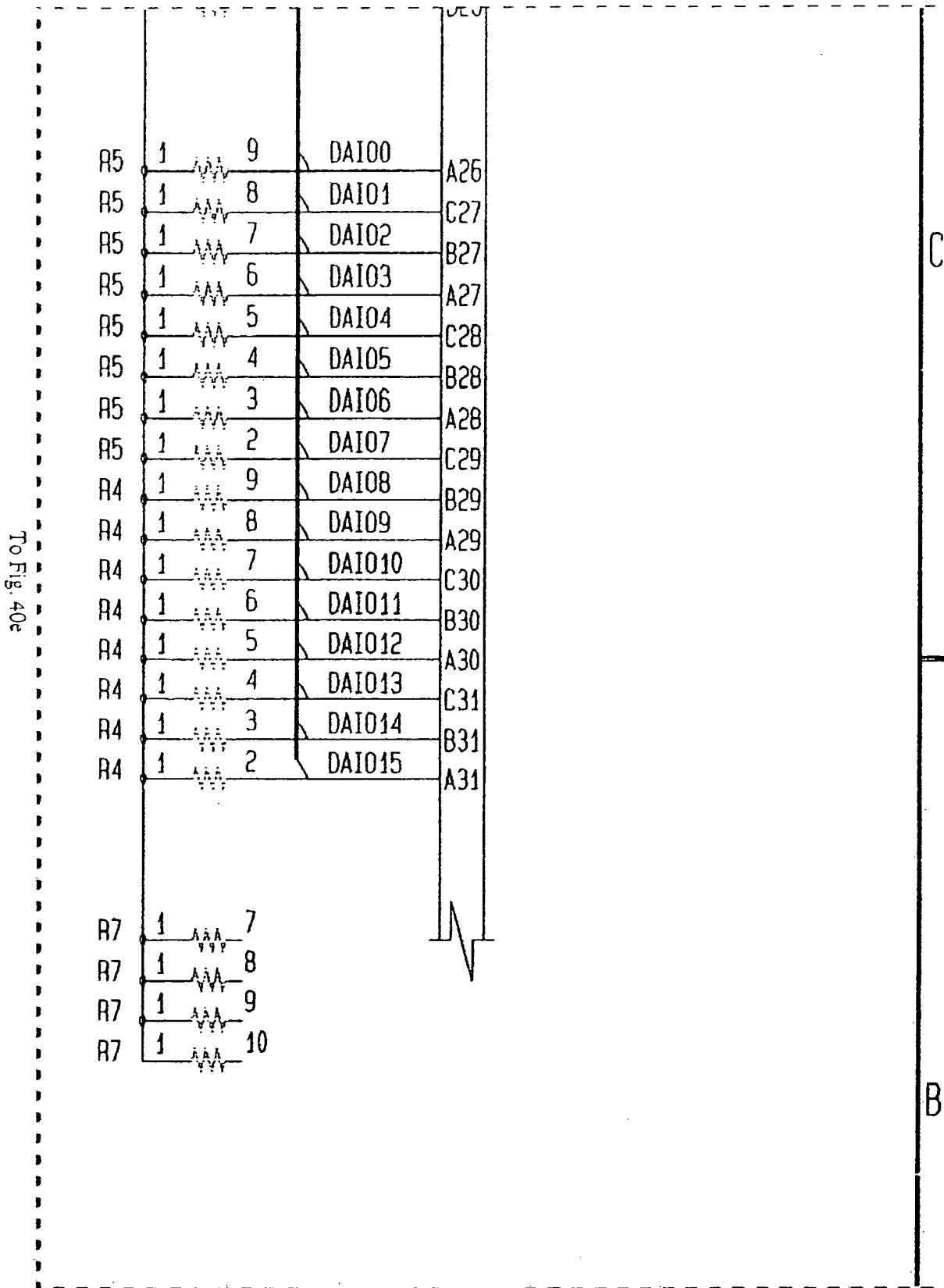
To Fig. 40b

FIG. 40e

150 08 207

110

To Fig. 40c



To Fig. 40d

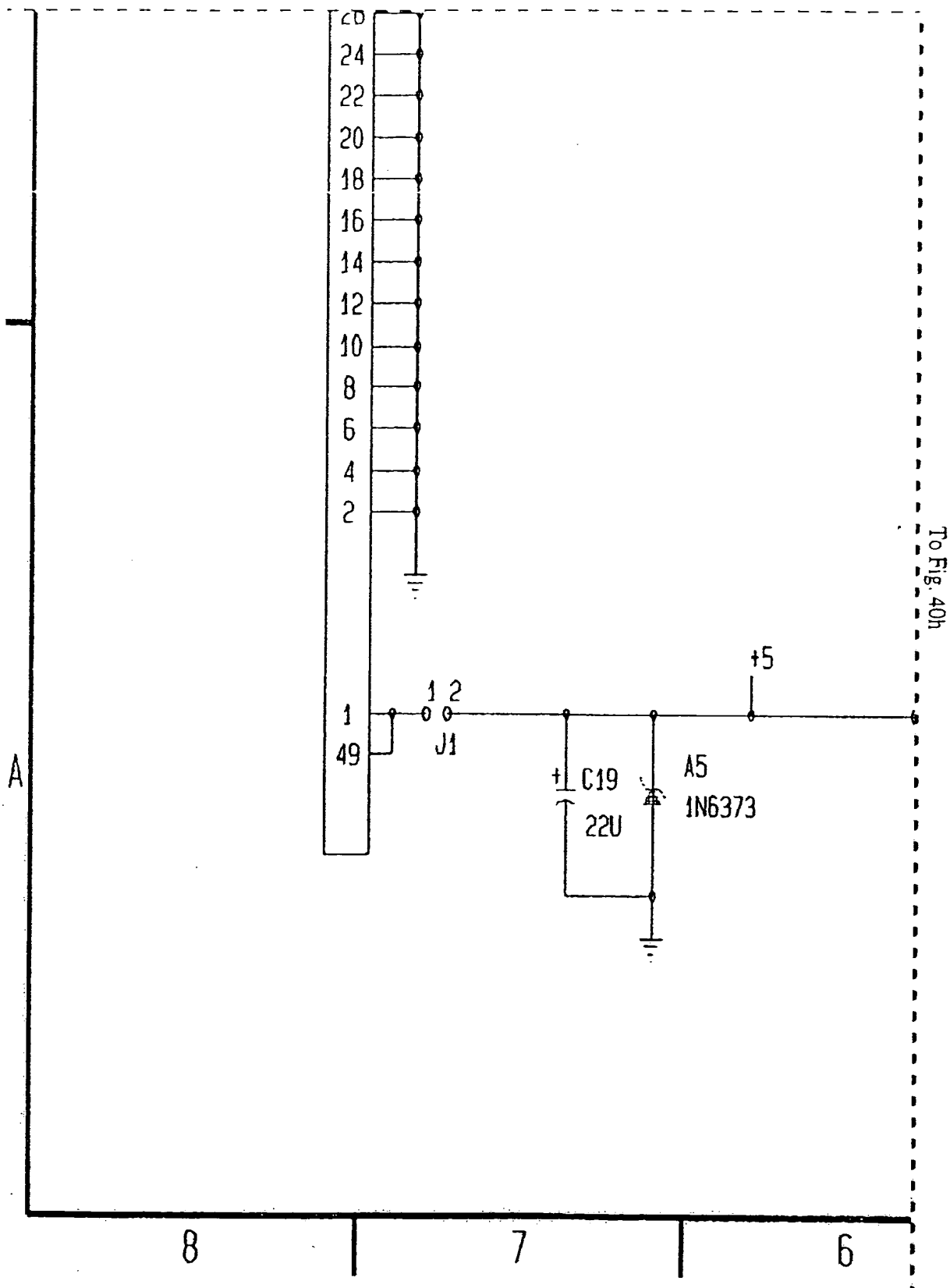


FIG. 40g

152 8207

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To Fig. 40e

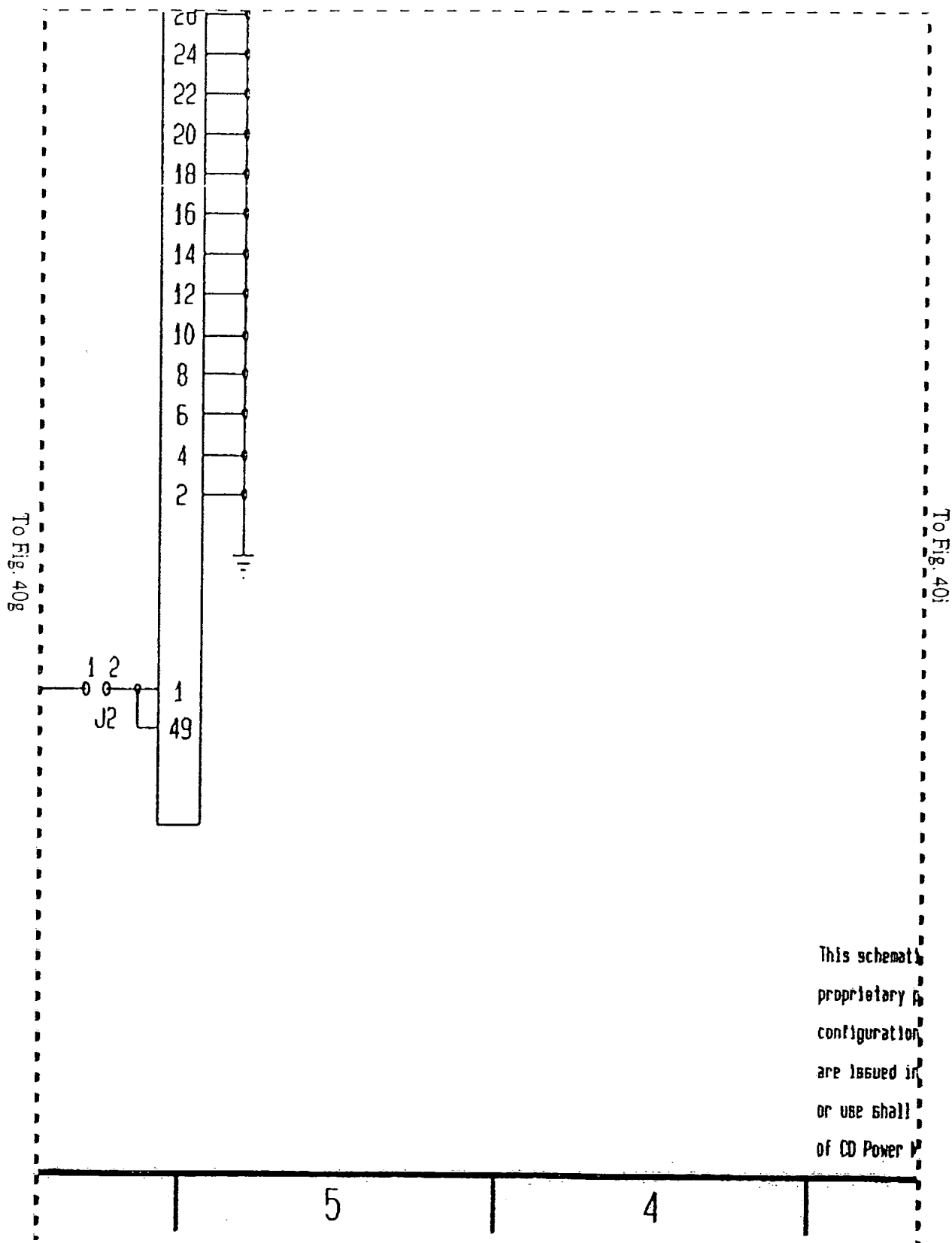


FIG. 40h

Inventor(s): Ronald G. Hart

Attorney Docket No. 6270/76, Serial No. 10/068,424 613,701


110

193 of 207

To Fig. 40f

To Fig. 40h

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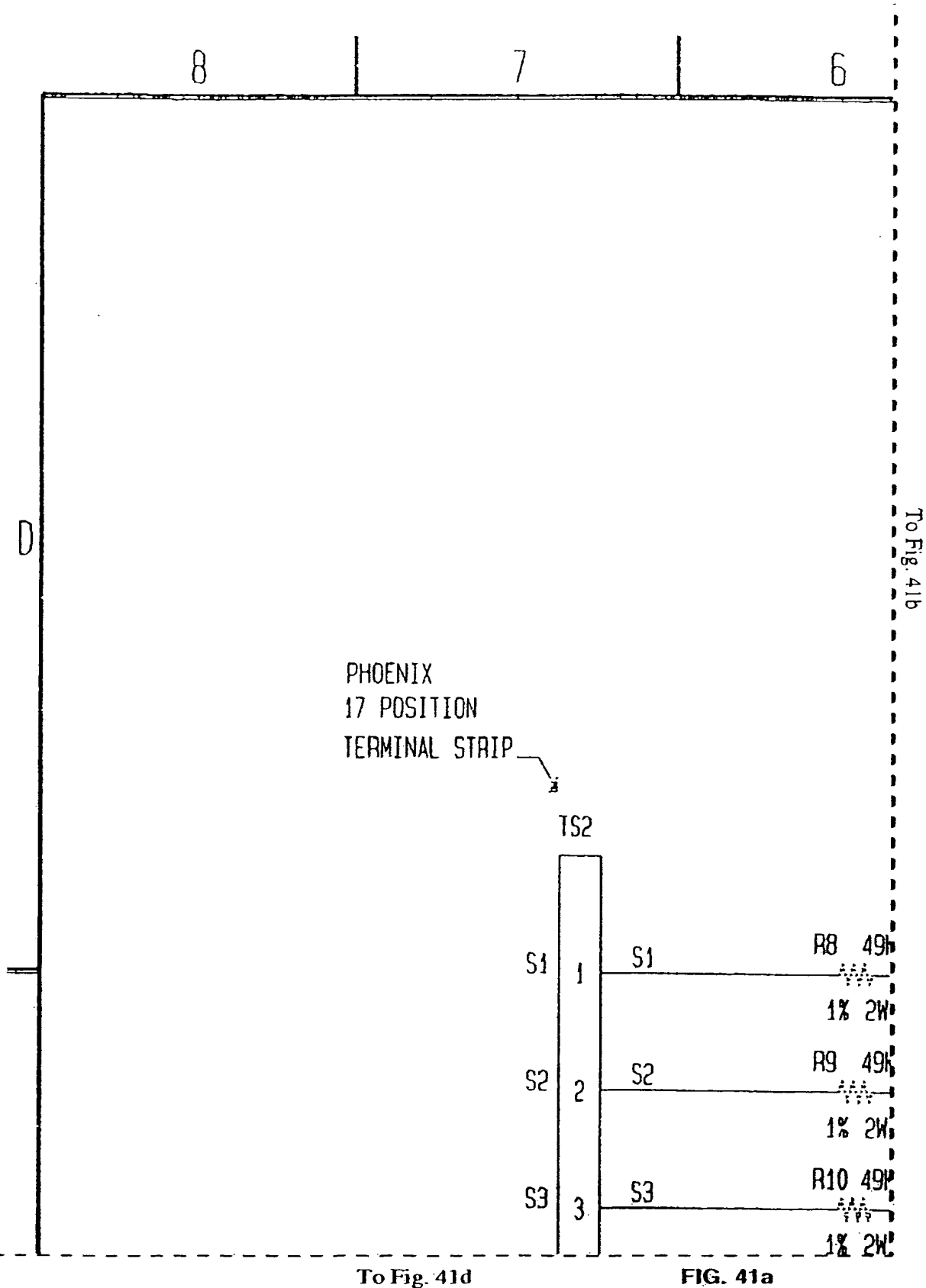
FIG. 40i

Inventor(s): Ronald G. Hart

Attorney Docket No. 6270/76, Serial No. 10/068,431 (3,701)

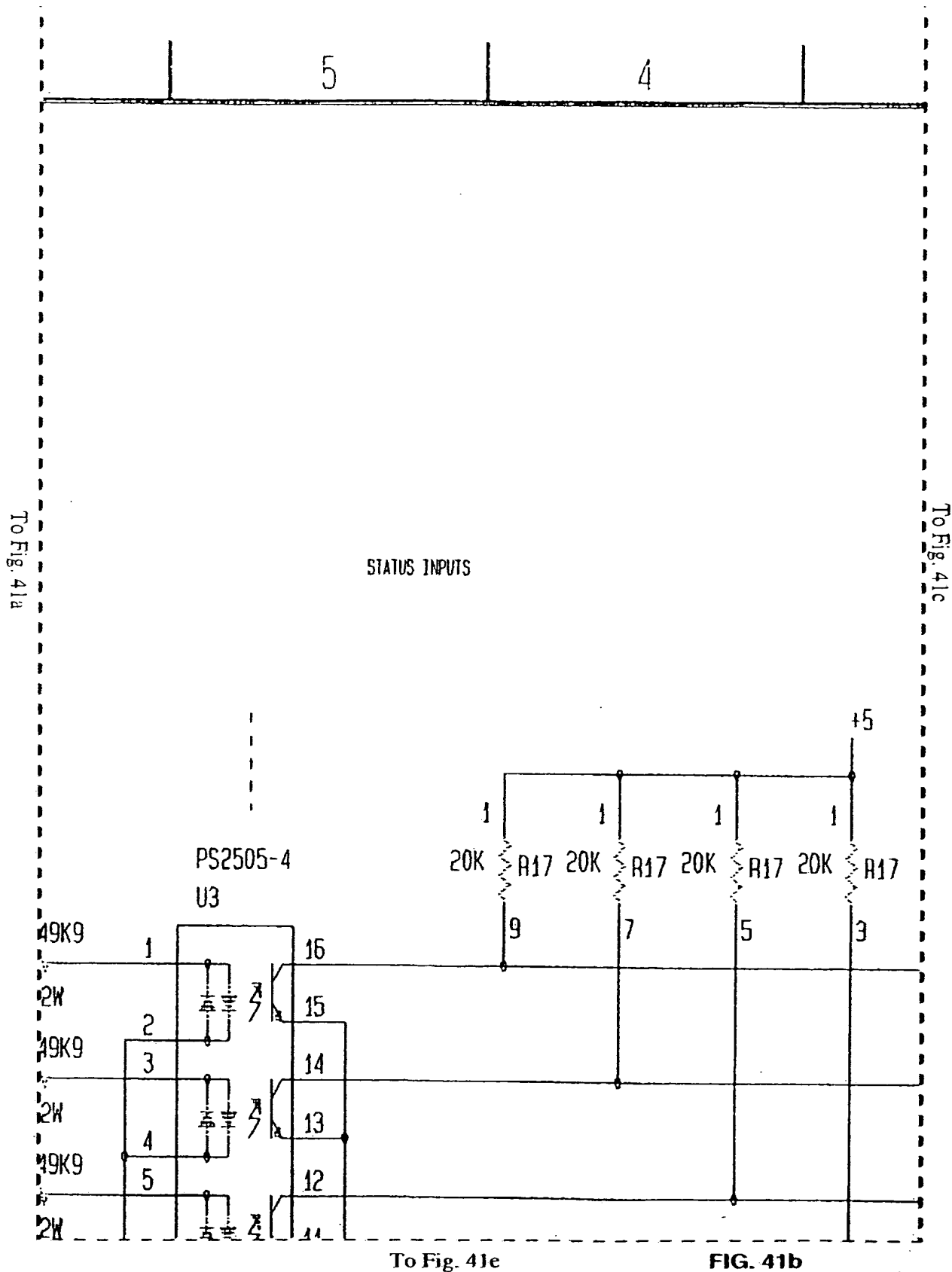
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To Fig. 41e

FIG. 41b

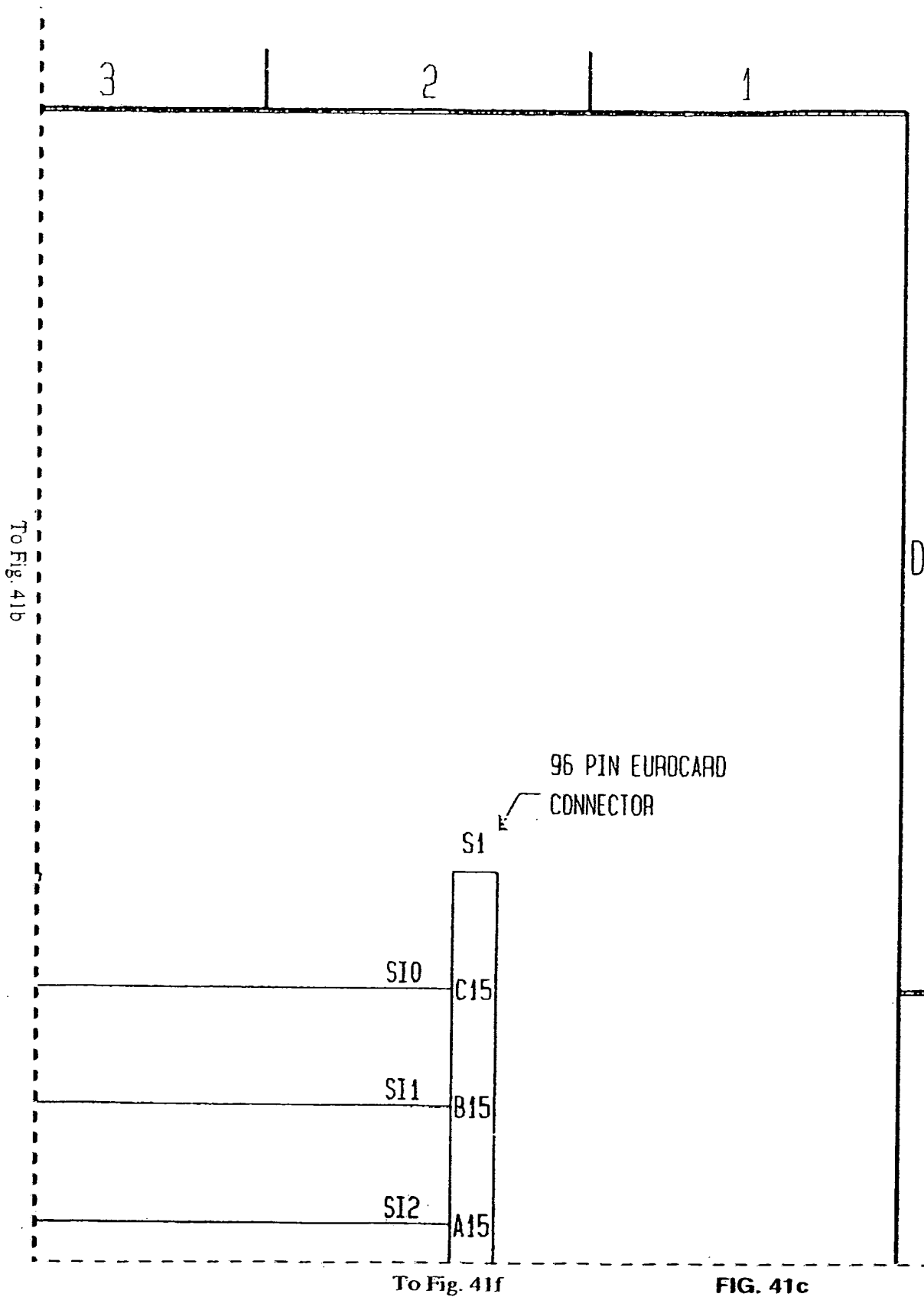
Patent Application for: PHASOR TRANSDUCER APPARATUS AND SYSTEM FOR PROTECTION, CONTROL, AND
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Inventor(s): Ronald G. Hart

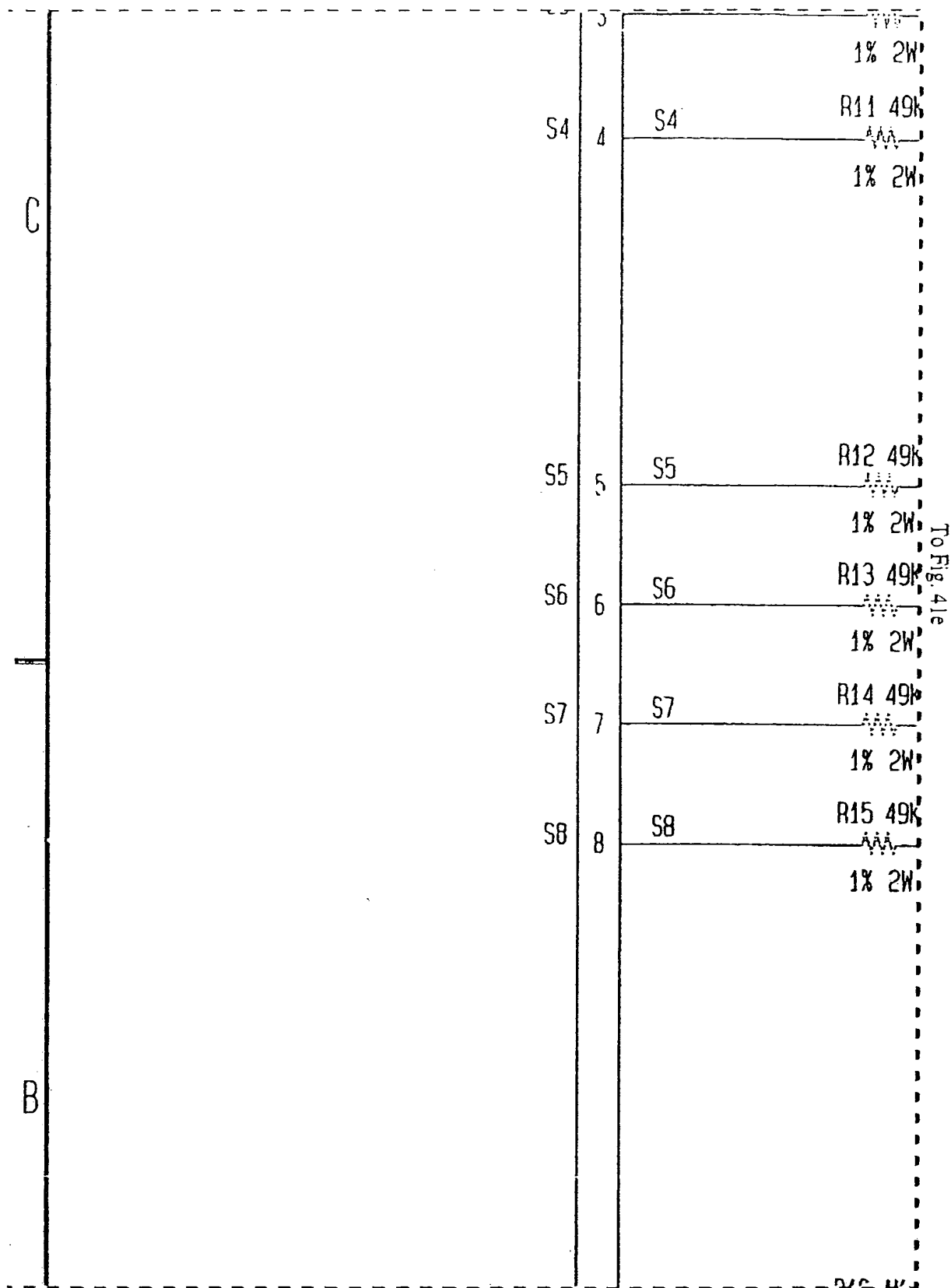
Attorney Docket No. 6270/76, Serial No. 10/068,434

156 00207
613,701

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To Fig. 41a



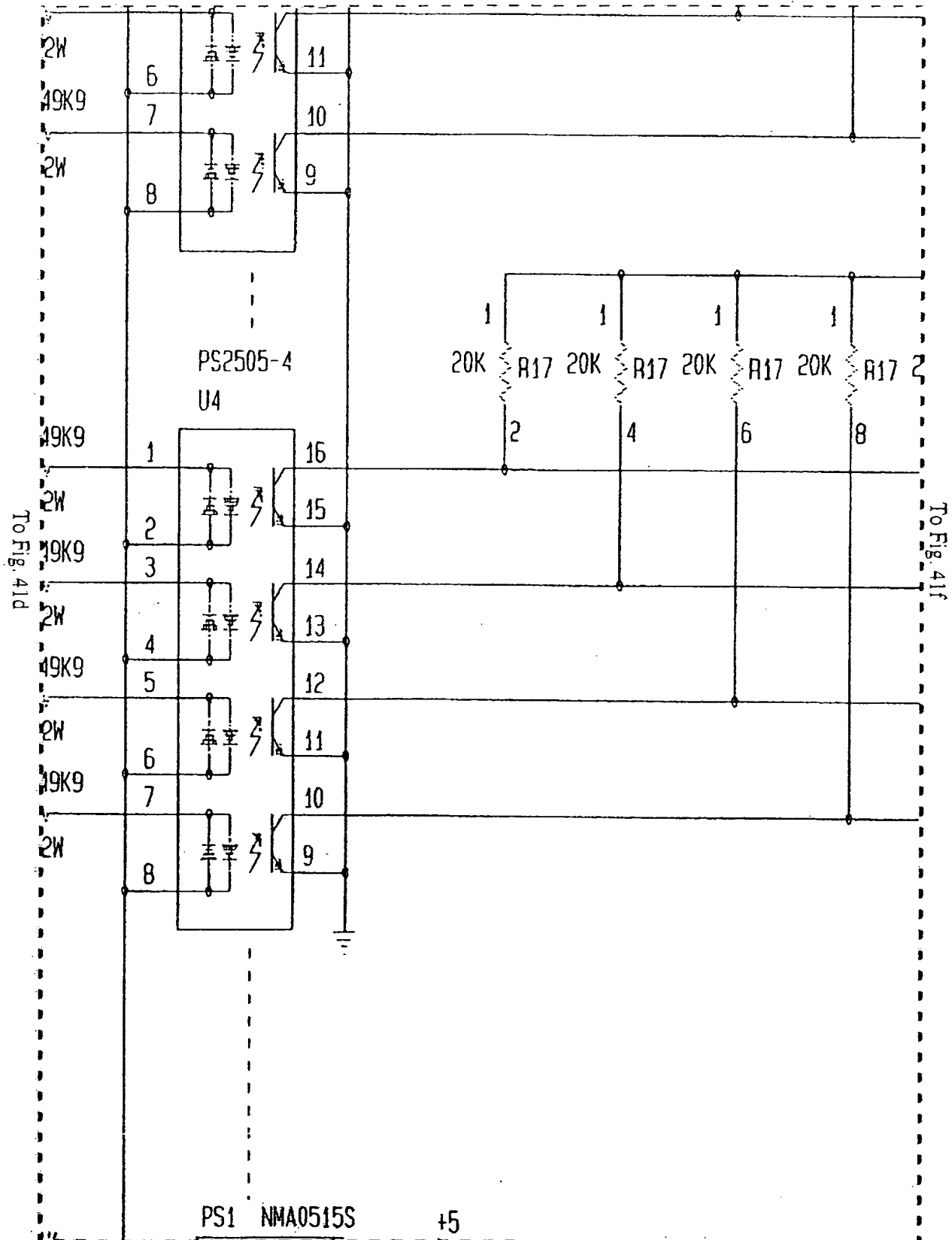
To Fig. 41g

FIG. 41d

158 7 307

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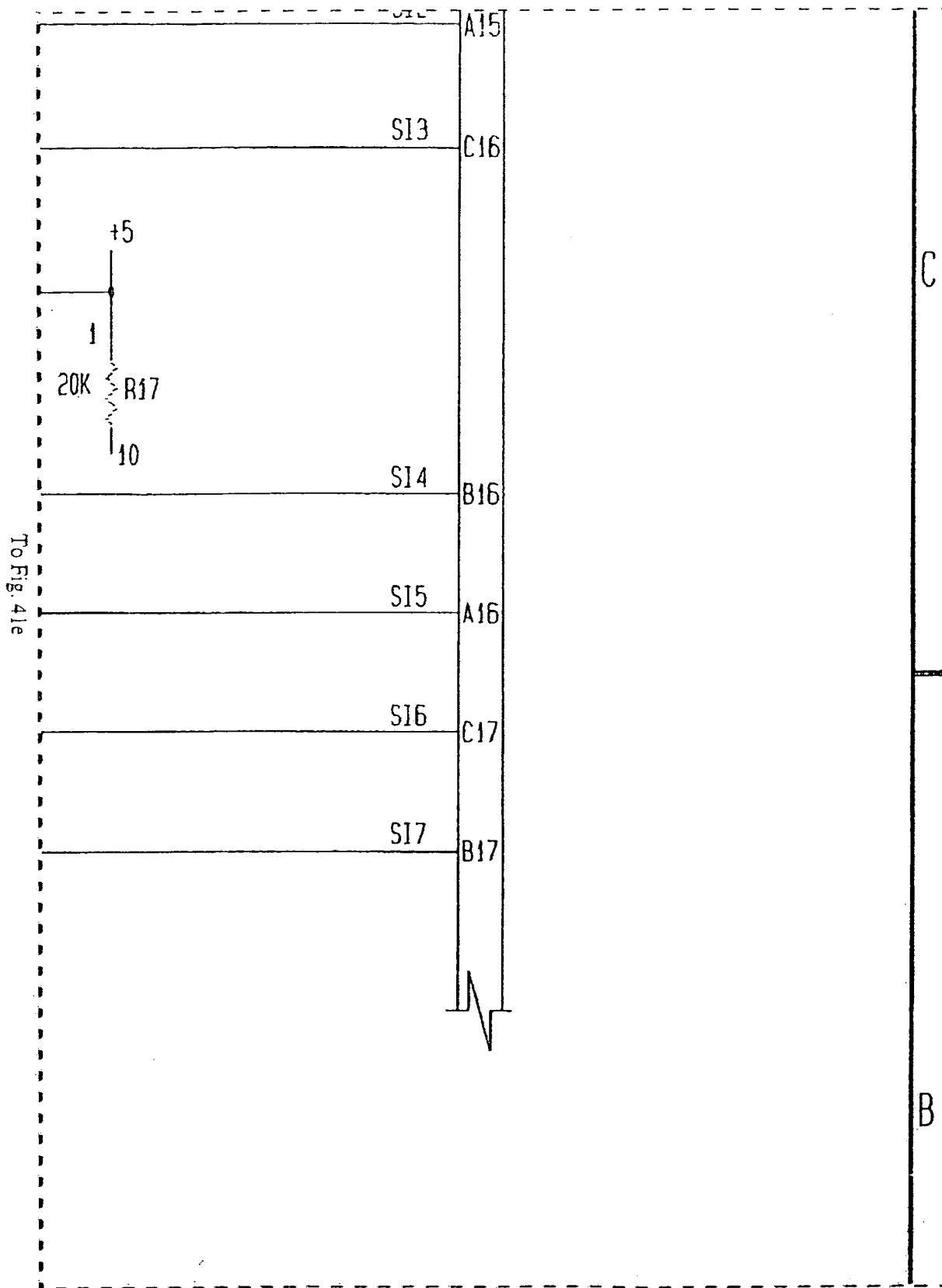
To Fig. 41b



To Fig. 41b

FIG. 41e

To Fig. 41c



To Fig. 41i

FIG. 41f

Inventor(s): Ronald G. Hart

Attorney Docket No. 6270/26, Serial No. 10/668,434 613,701

160 08 007

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To Fig. 41d

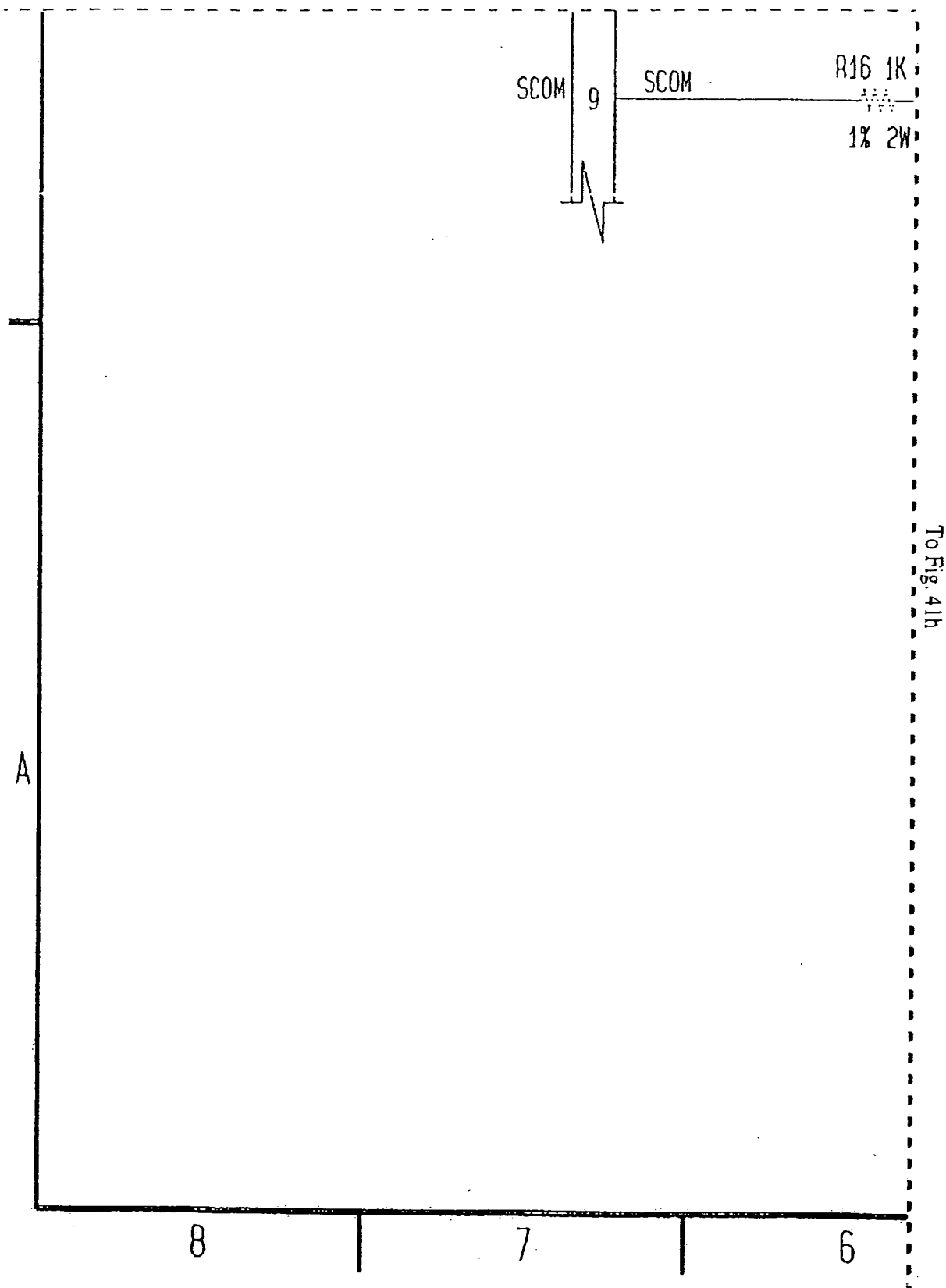
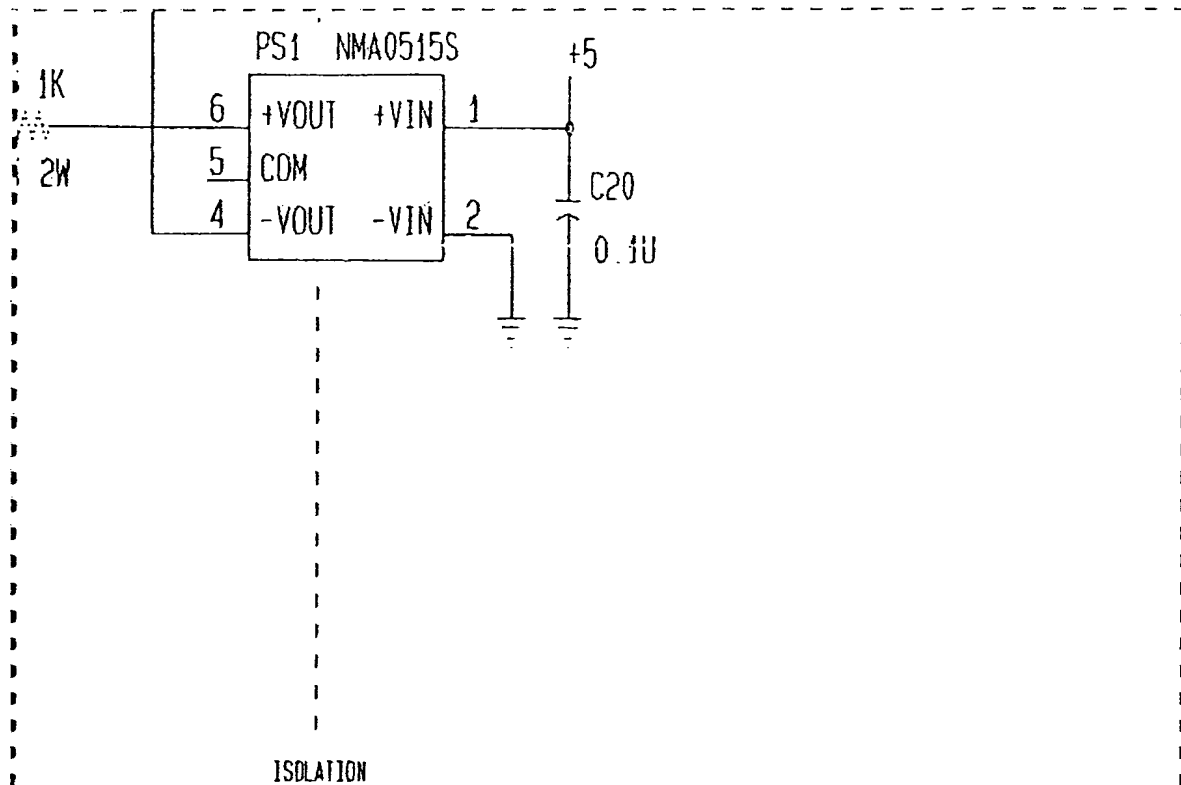


FIG. 41g

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To Fig. 41e



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FIG. 41h

162 88 007

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To Fig. 41f

To Fig. 41h

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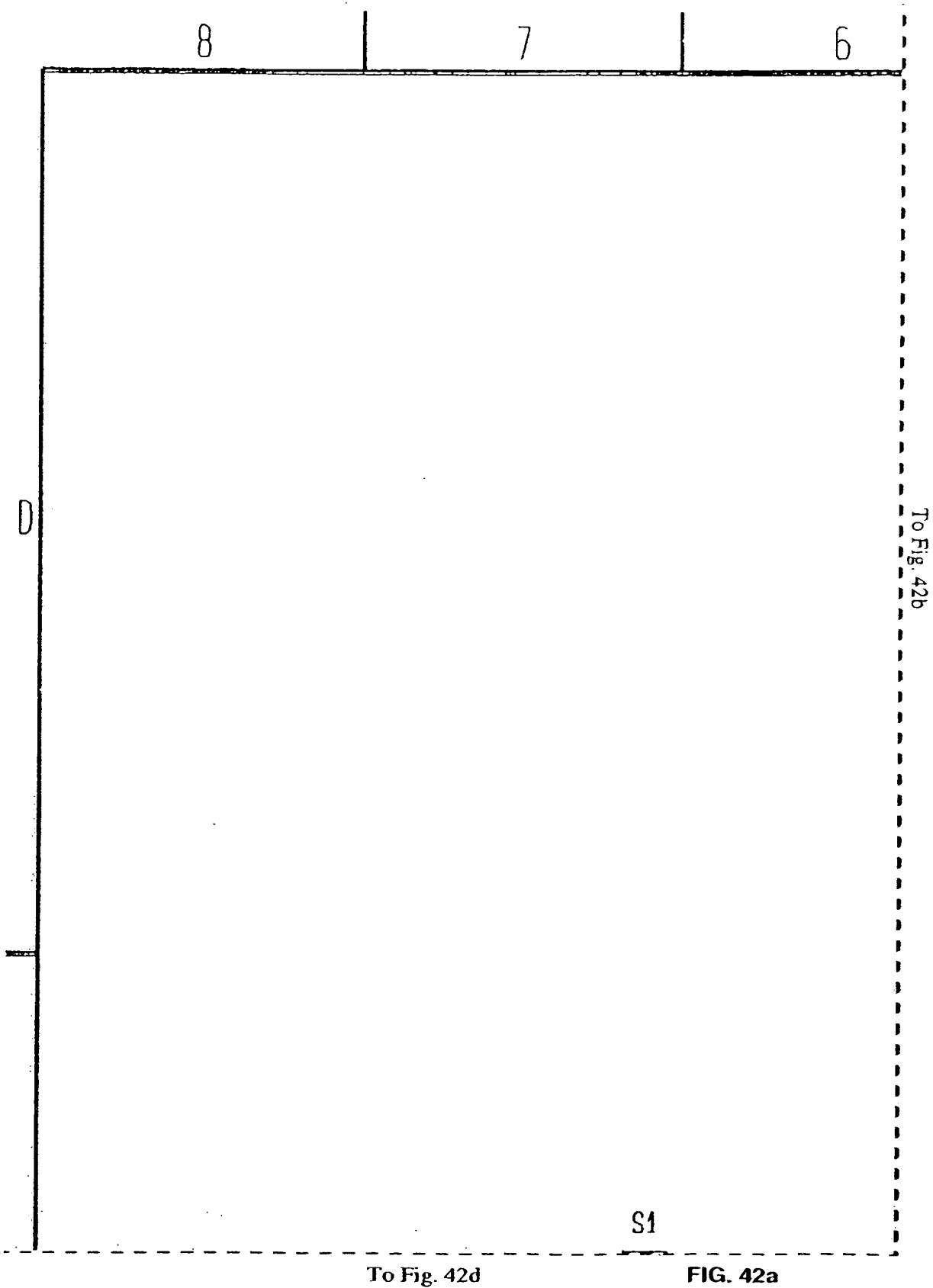
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FIG. 41i

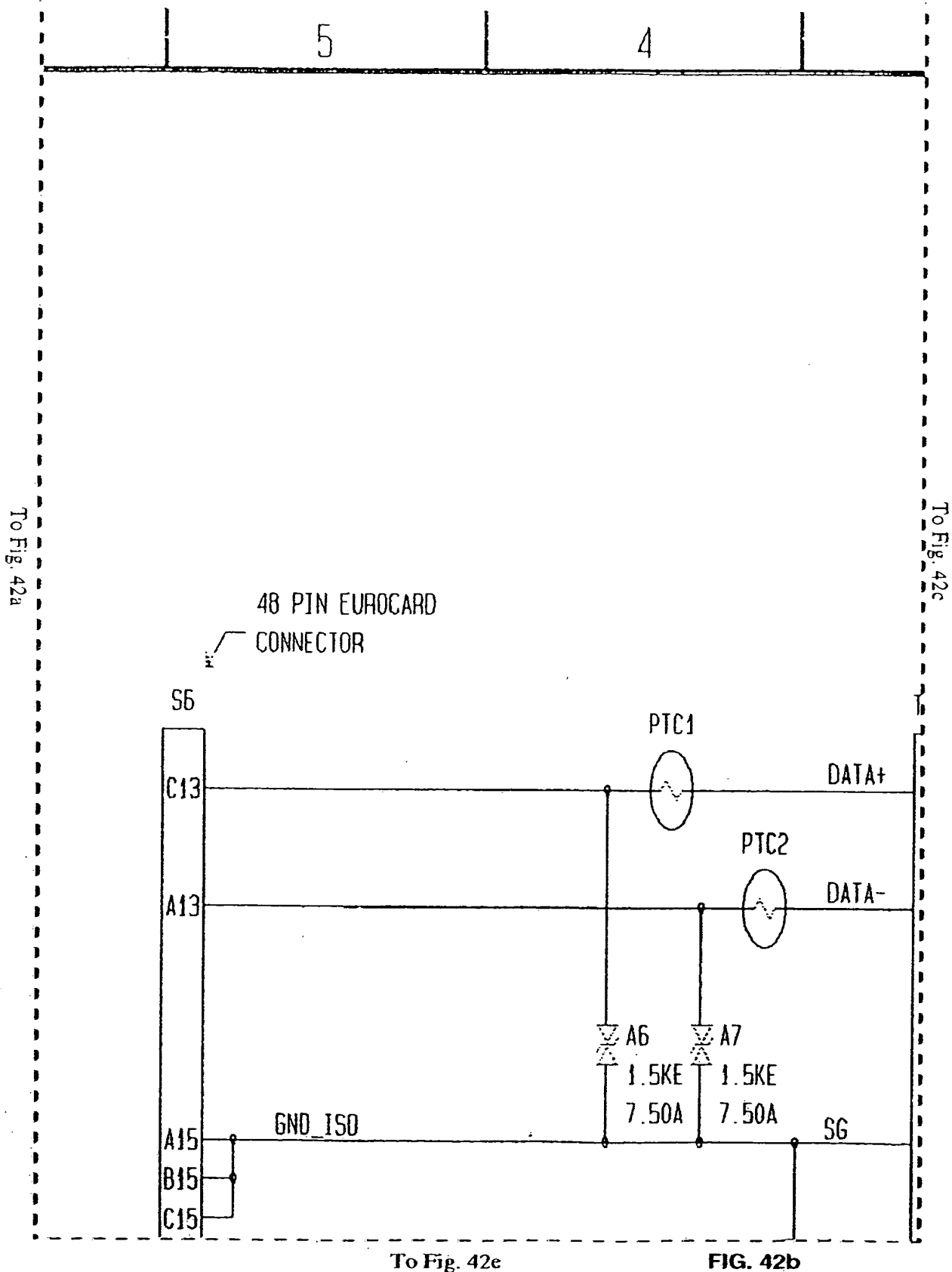
Patent Application for: PHASOR TRANSDUCER APPARATUS AND SYSTEM FOR PROTECTION, CONTROL, AND
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Inventor(s): Ronald G. Hart

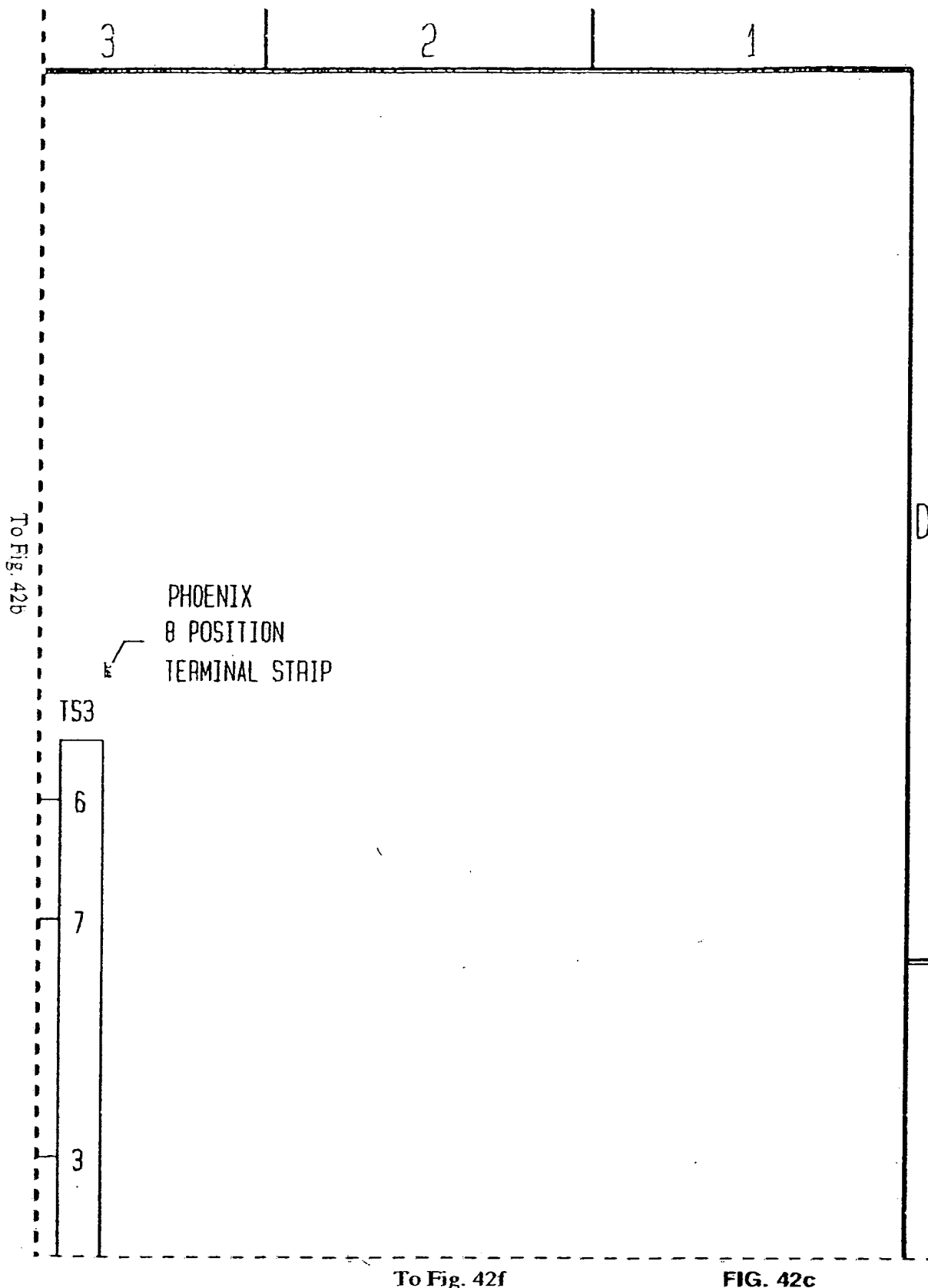
Attorney Docket No. 6270/76, Serial No. 10/968,434 163 08 207
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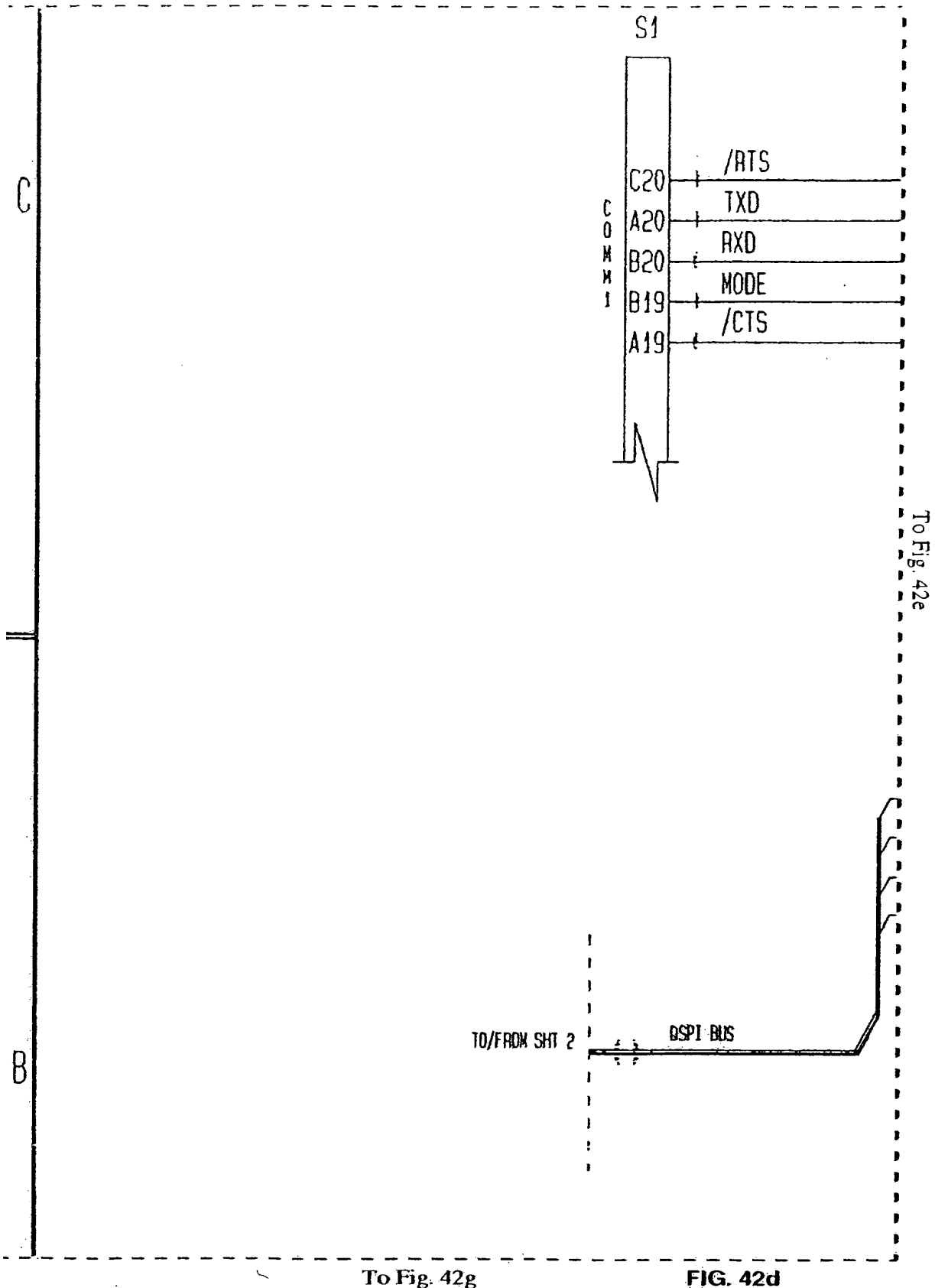
164 0707



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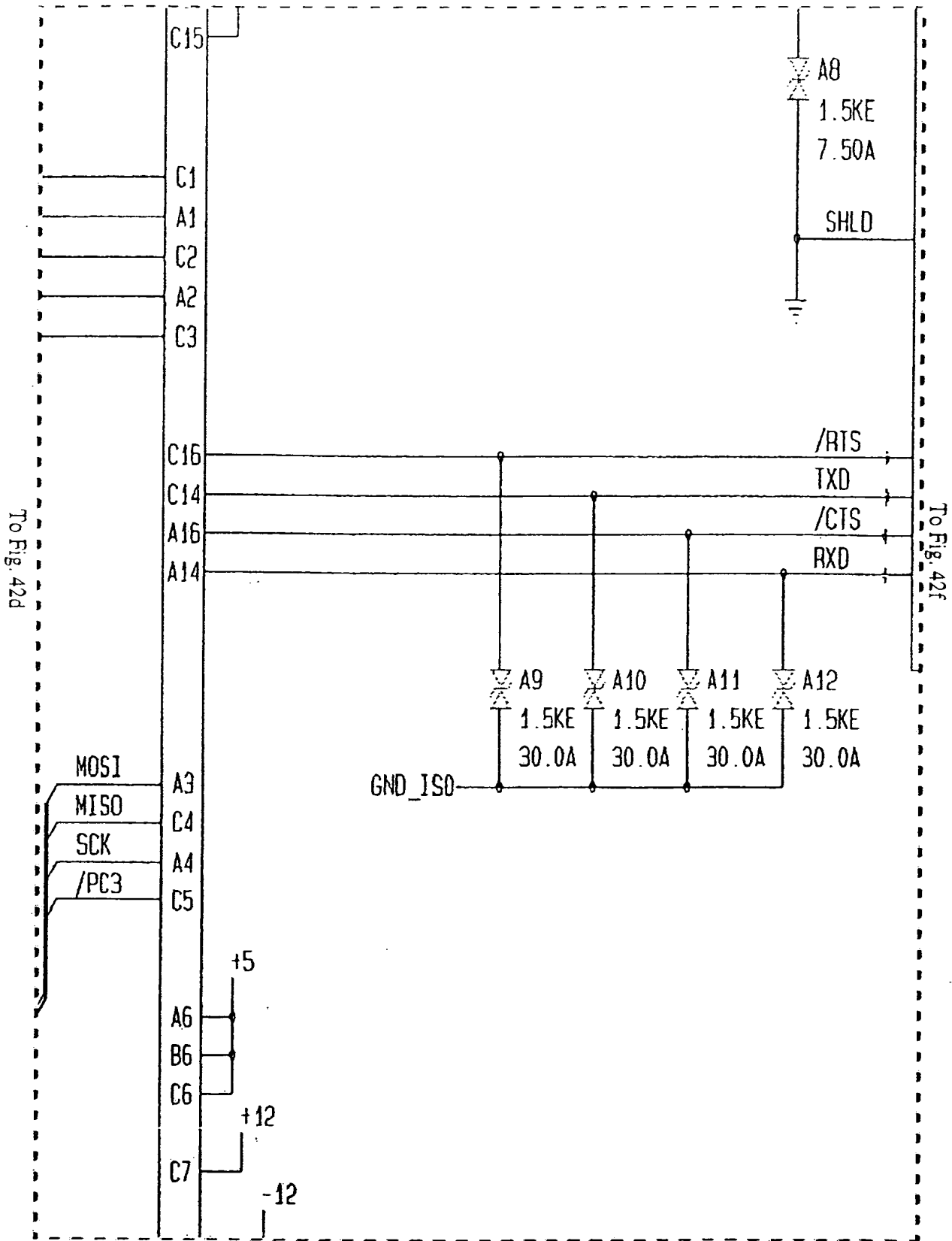


To Fig. 42a



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To Fig. 42b



To Fig. 42h

FIG. 42e

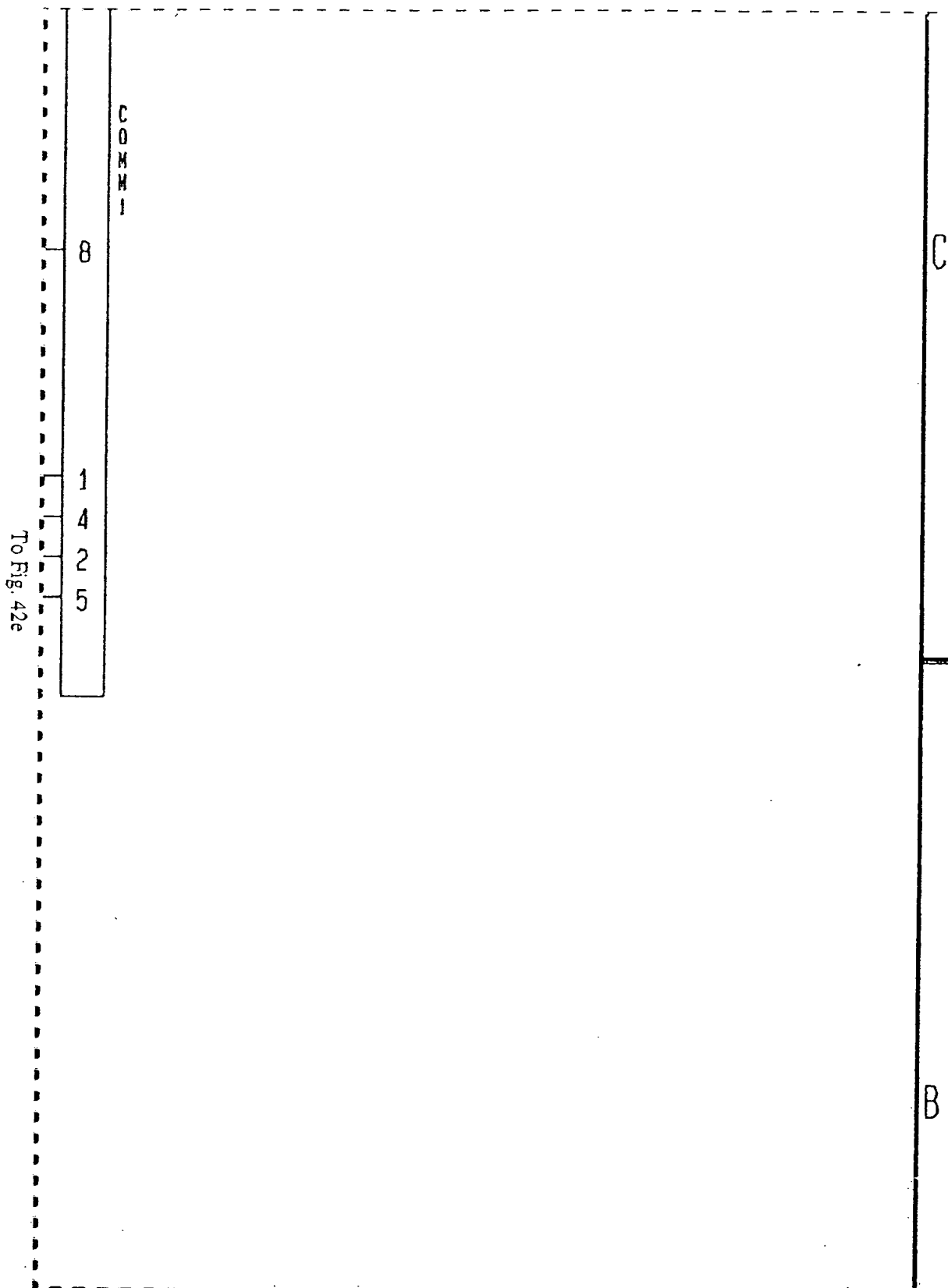
Patent Application for: PHASOR TRANSDUCER APPARATUS AND SYSTEM FOR PROTECTION, CONTROL, AND
MANAGEMENT OF ELECTRICITY DISTRIBUTION SYSTEMS

Inventor(s): Ronald G. Hart

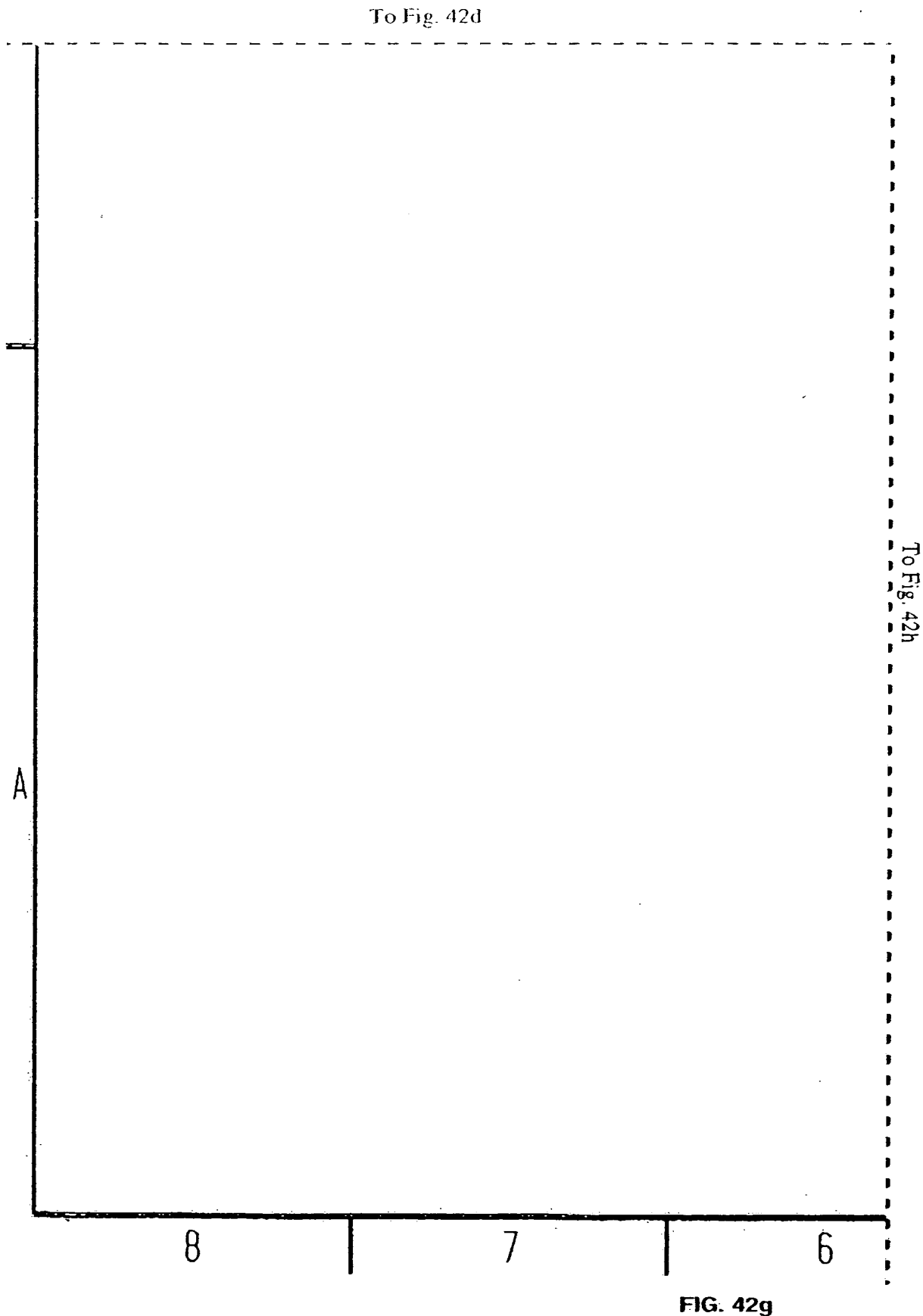
Attorney Docket No. 6270/78, Serial No. 10/068,437 168 of 207
613,701

110

To Fig. 42c



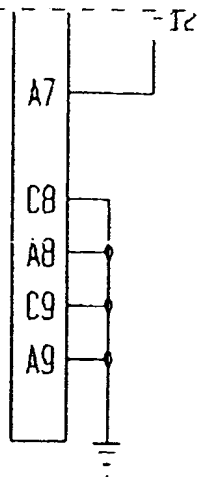
169 07 207



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110

To Fig. 42e



To Fig. 42g

To Fig. 42i

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FIG. 42h

171 9 207

To Fig. 42f

To Fig. 42h

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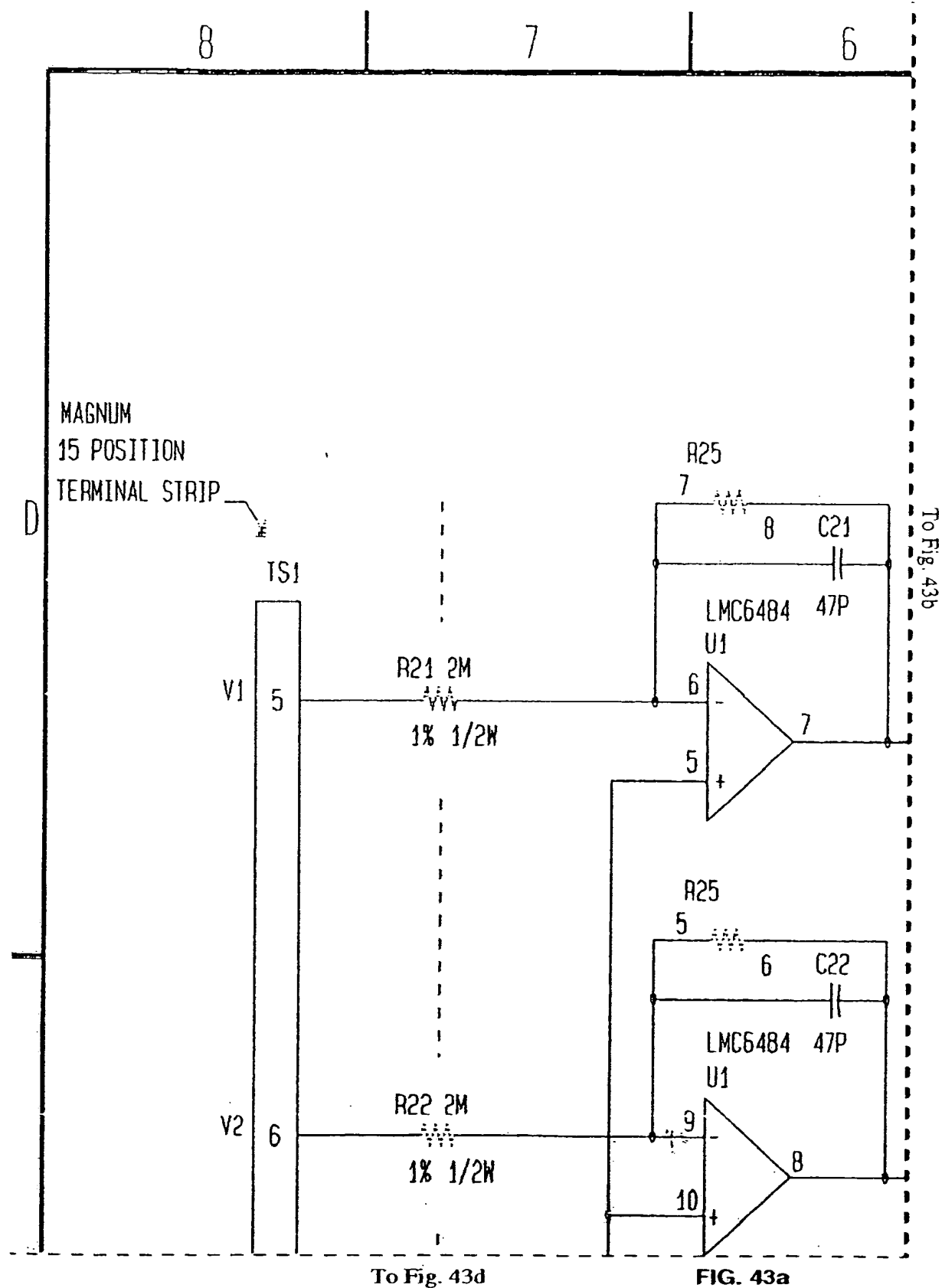
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FIG. 42i

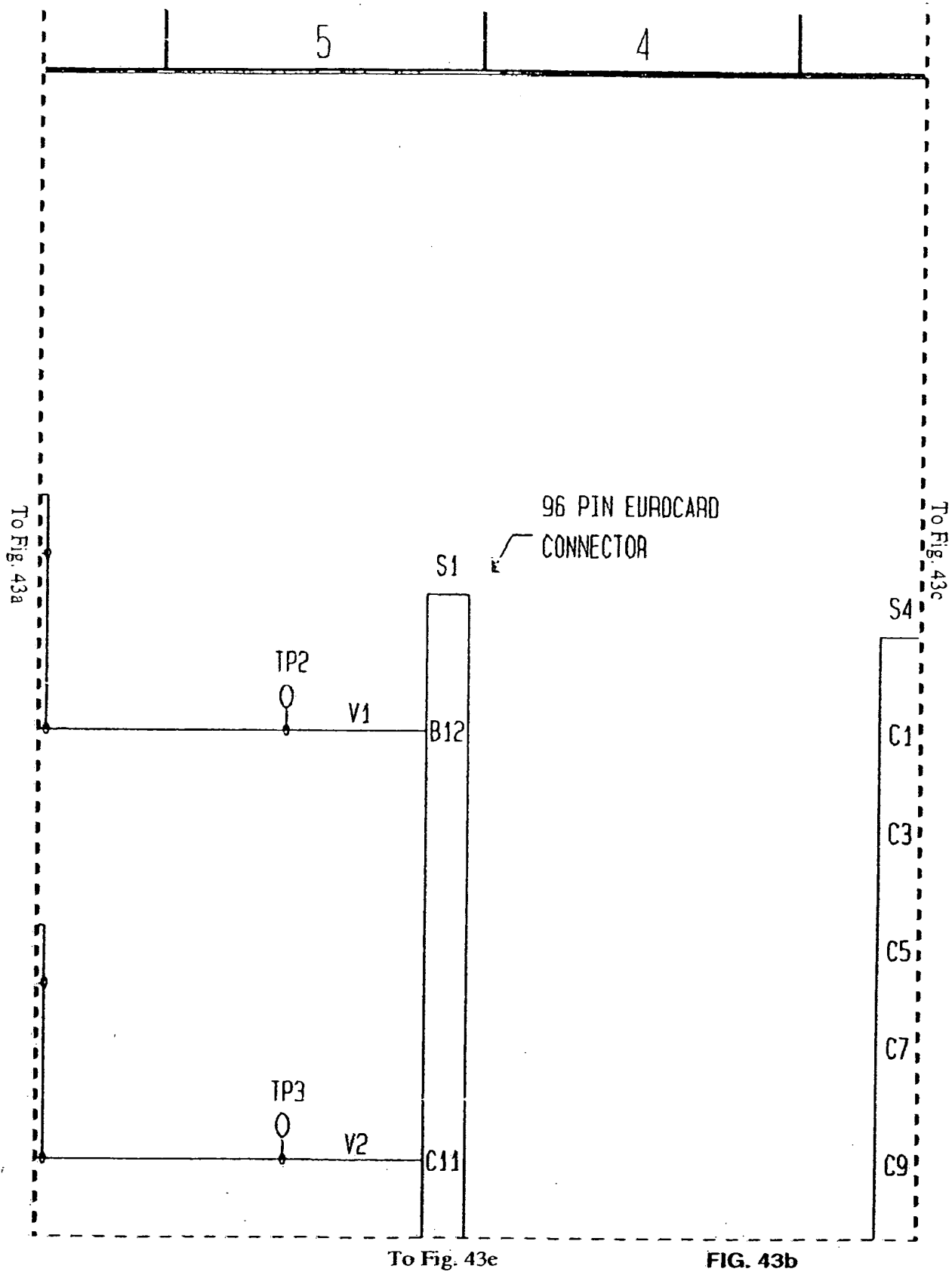
172 9 207

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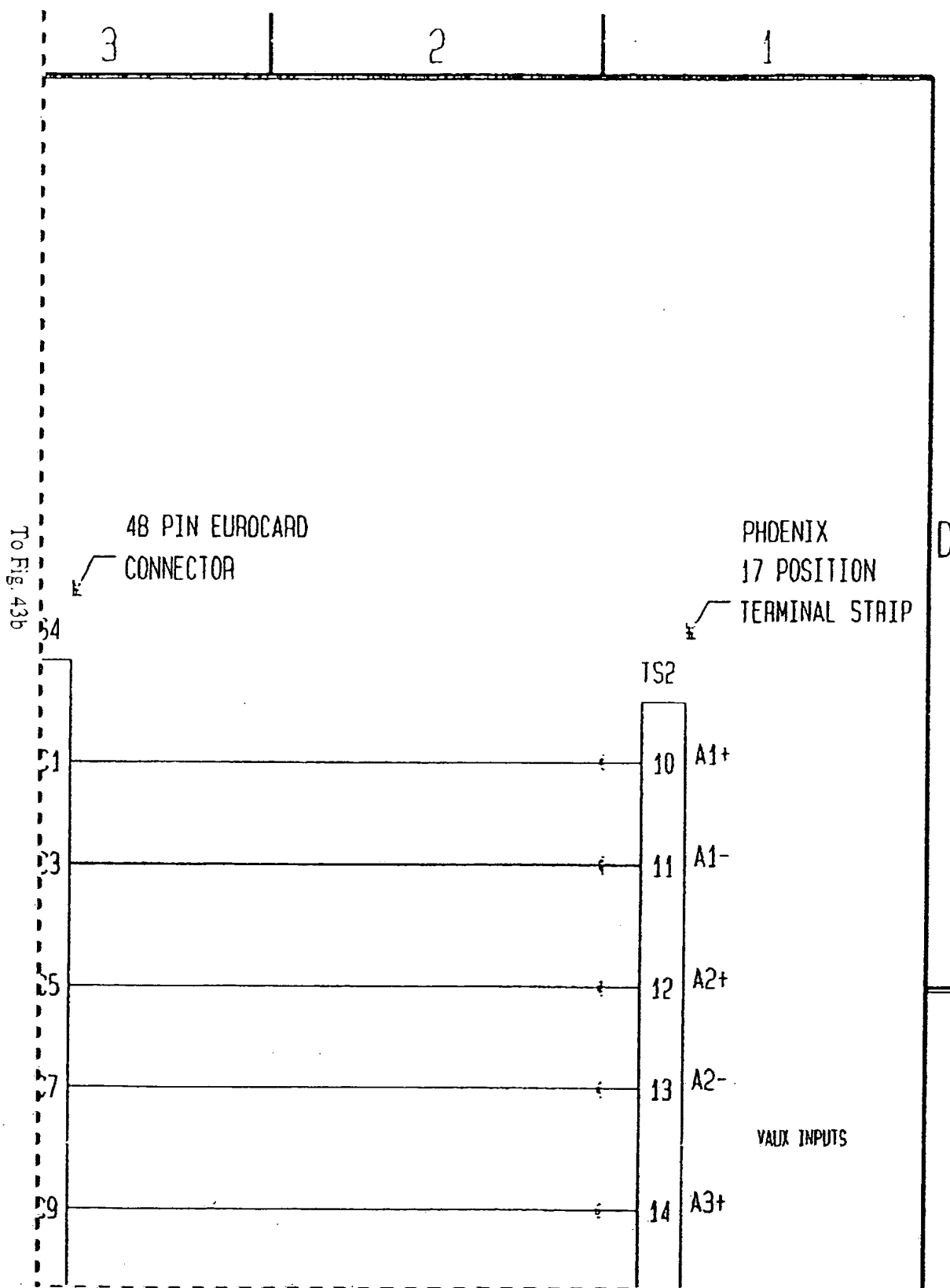


To Fig. 43d

FIG. 43a



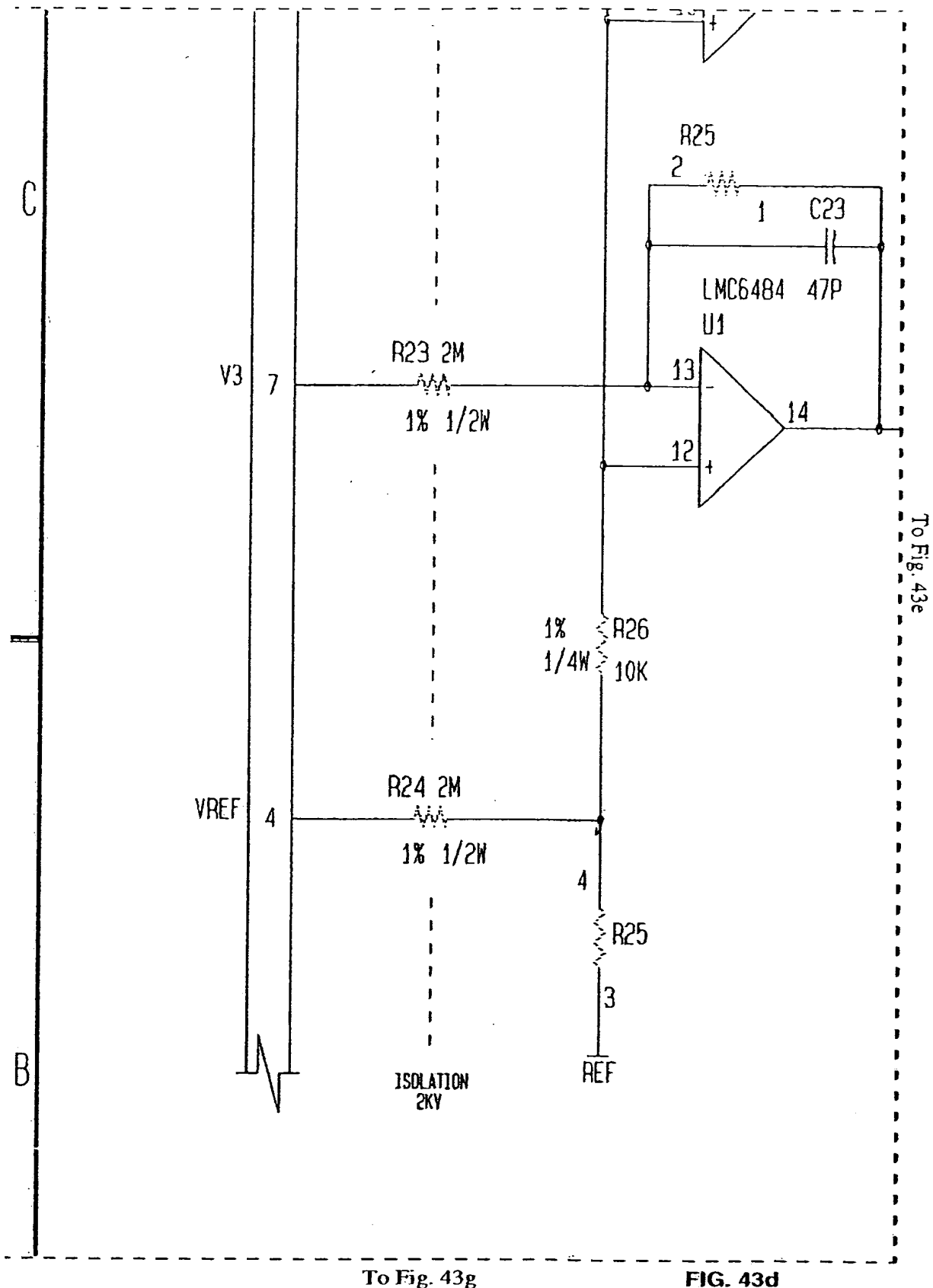
174 08 207



To Fig. 43f

FIG. 43c

To Fig. 43a

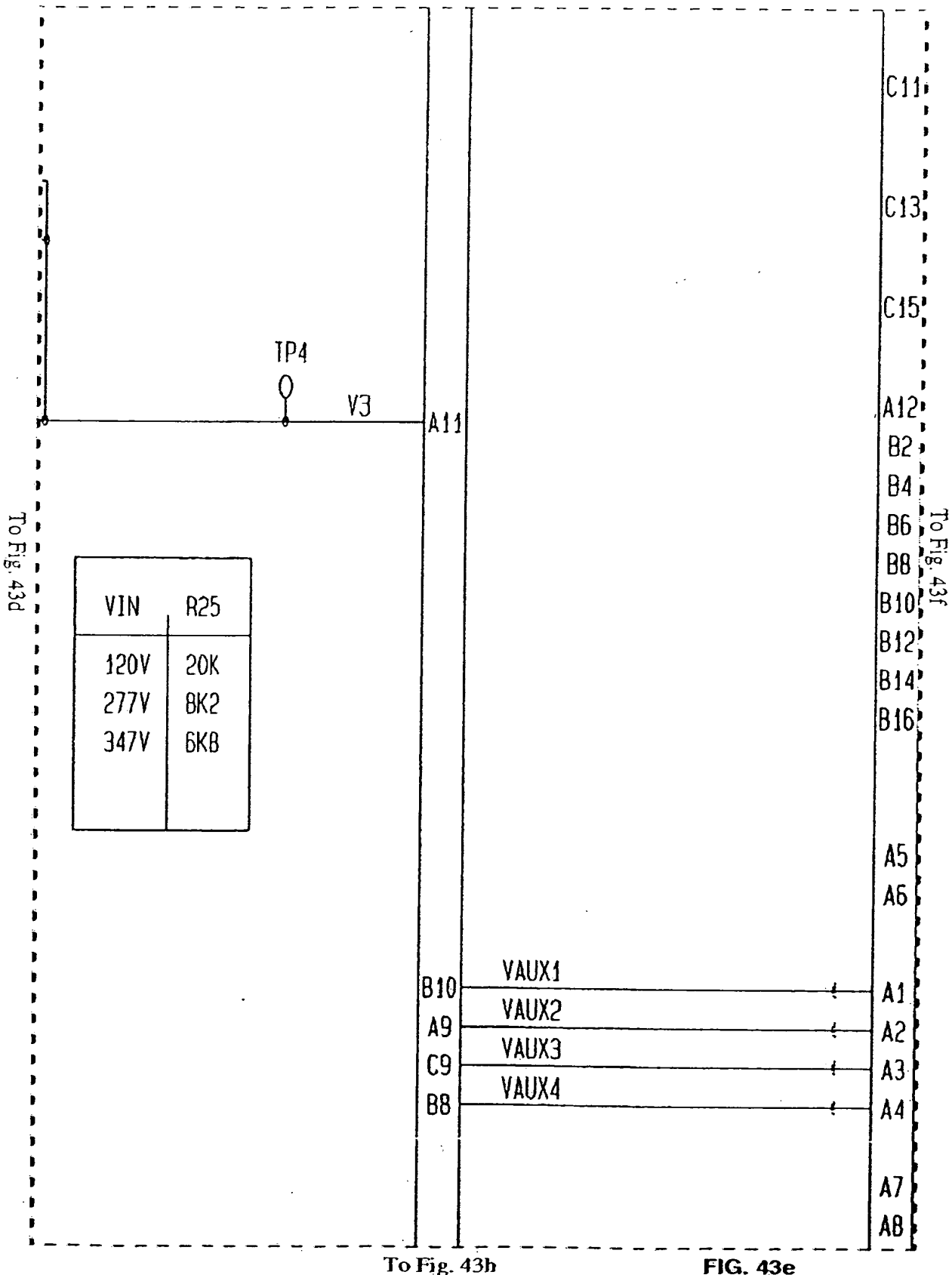


To Fig. 43g

FIG. 43d

176 08 207

To Fig. 43b



To Fig. 43h

FIG. 43e

To Fig. 43e

To Fig. 43j

FIG. 43f

178 00 207

(10)

To Fig. 43d

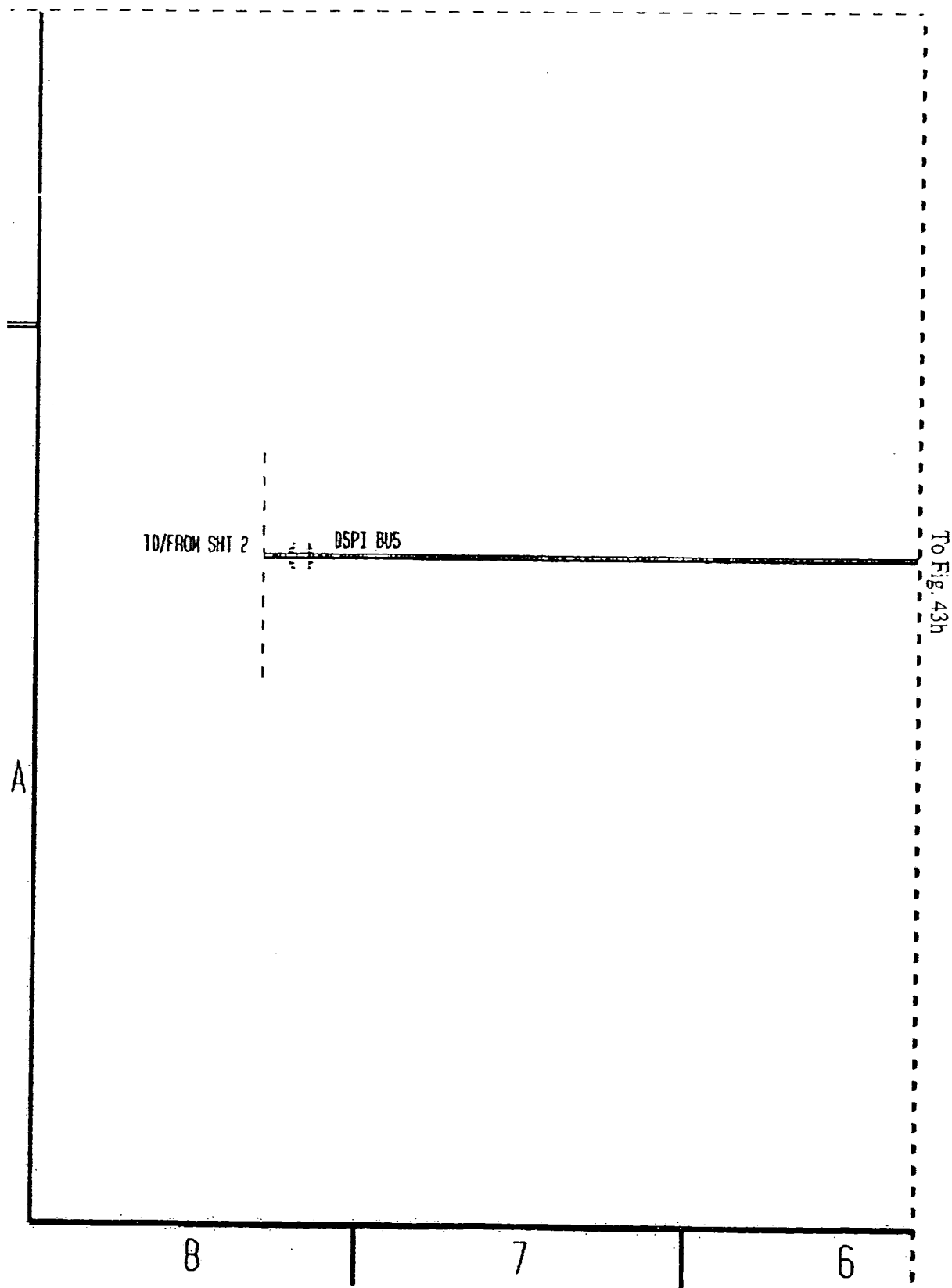
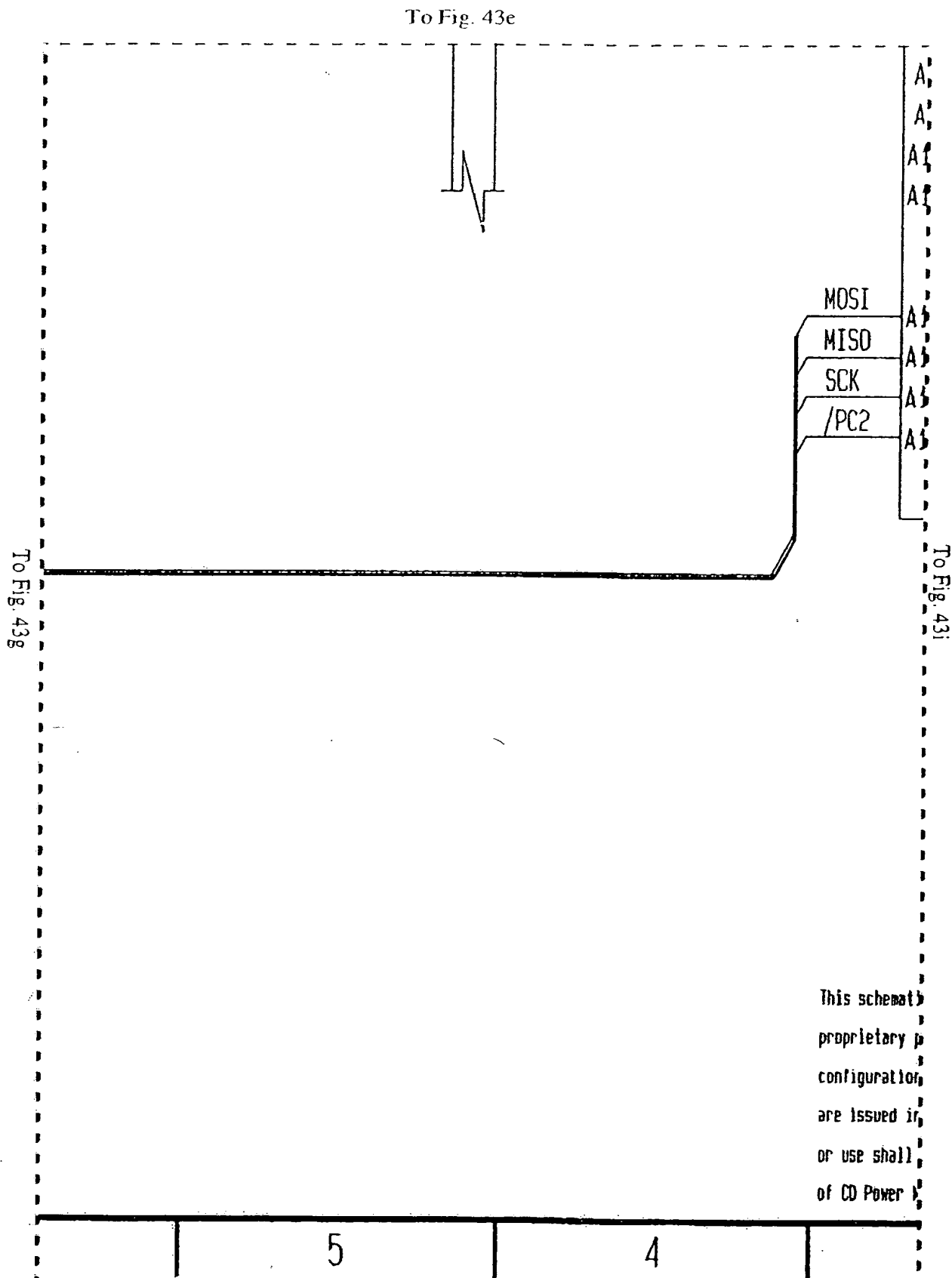
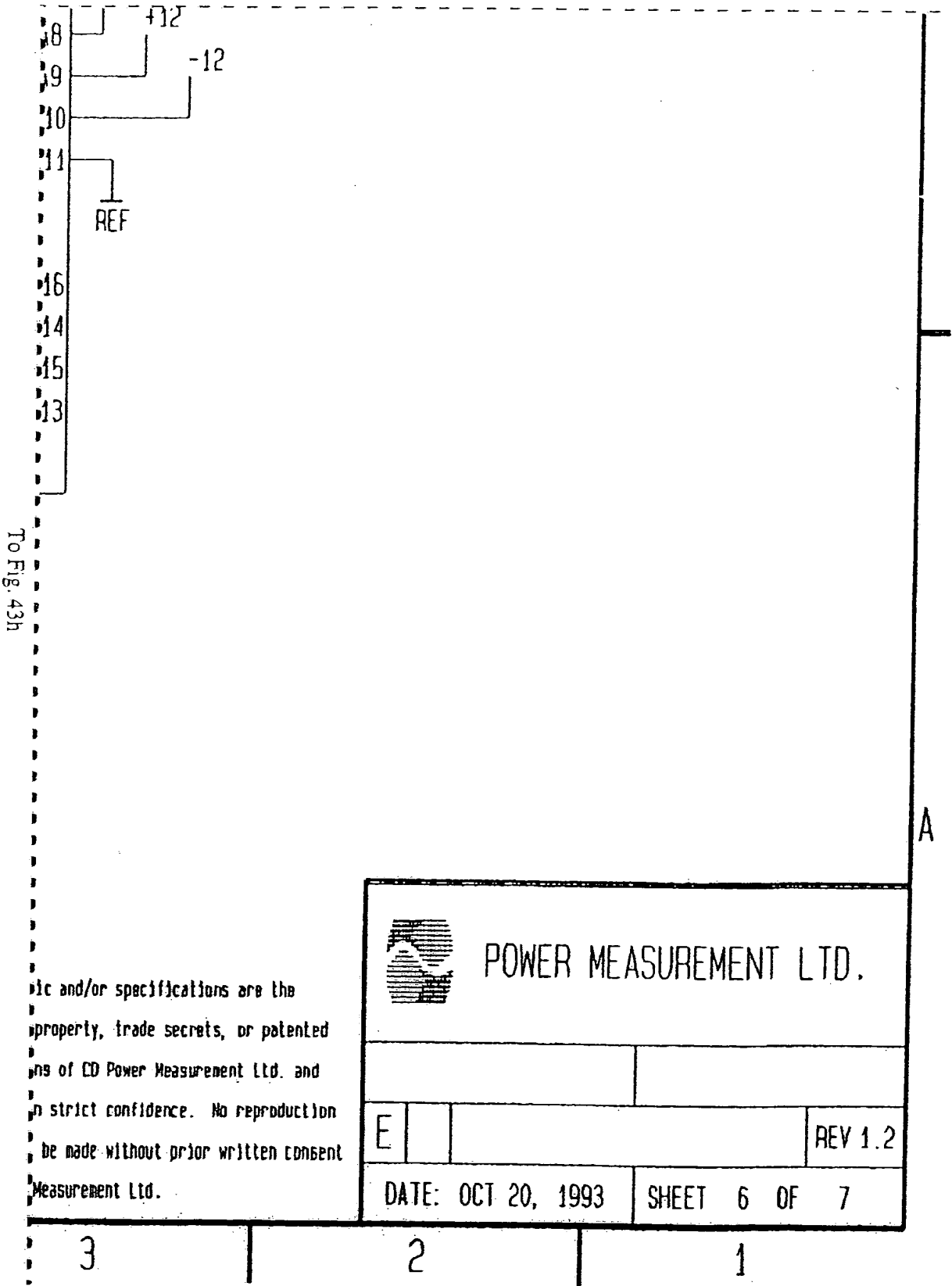


FIG. 43g



180 8 207

To Fig. 43f



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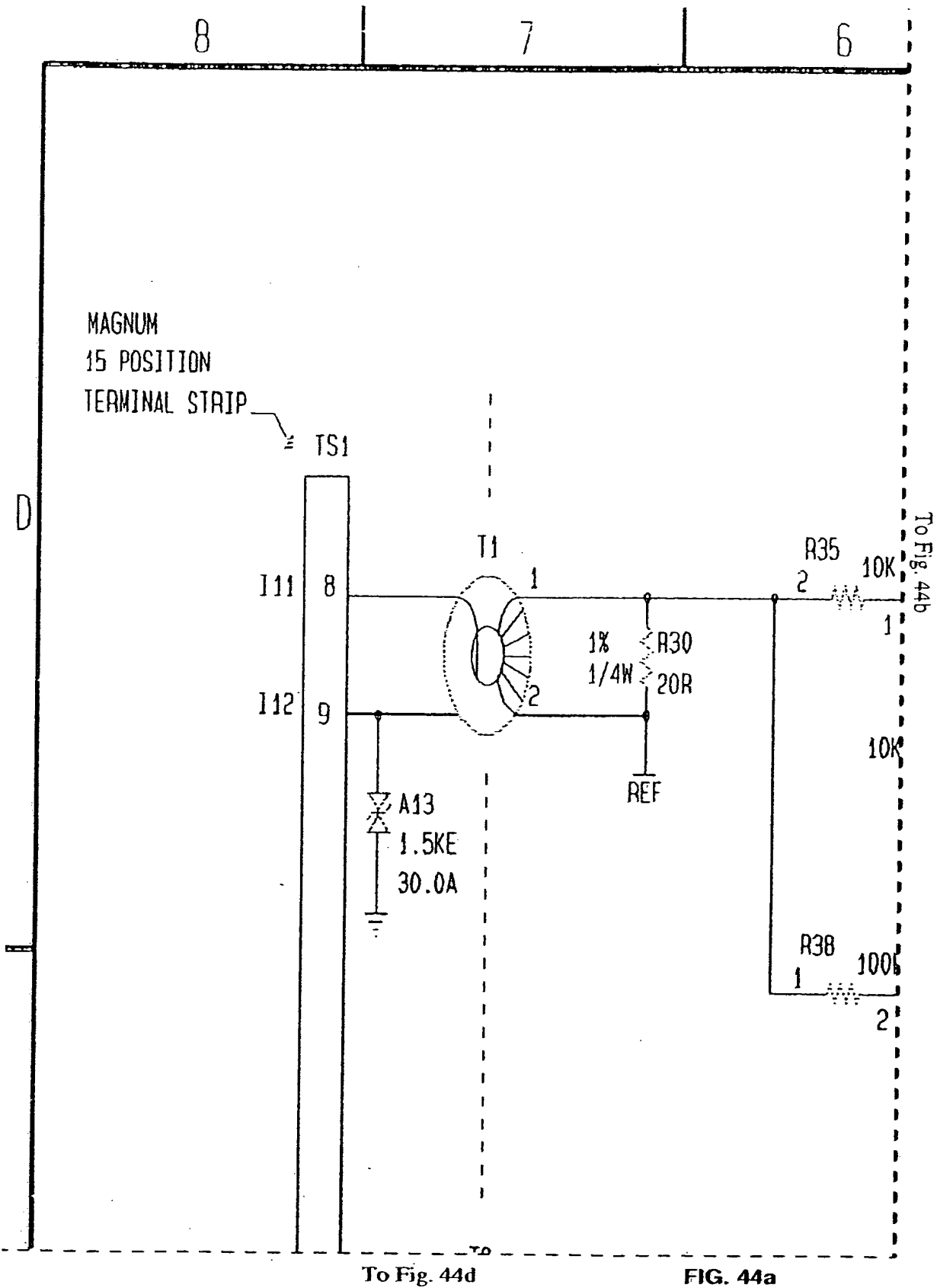
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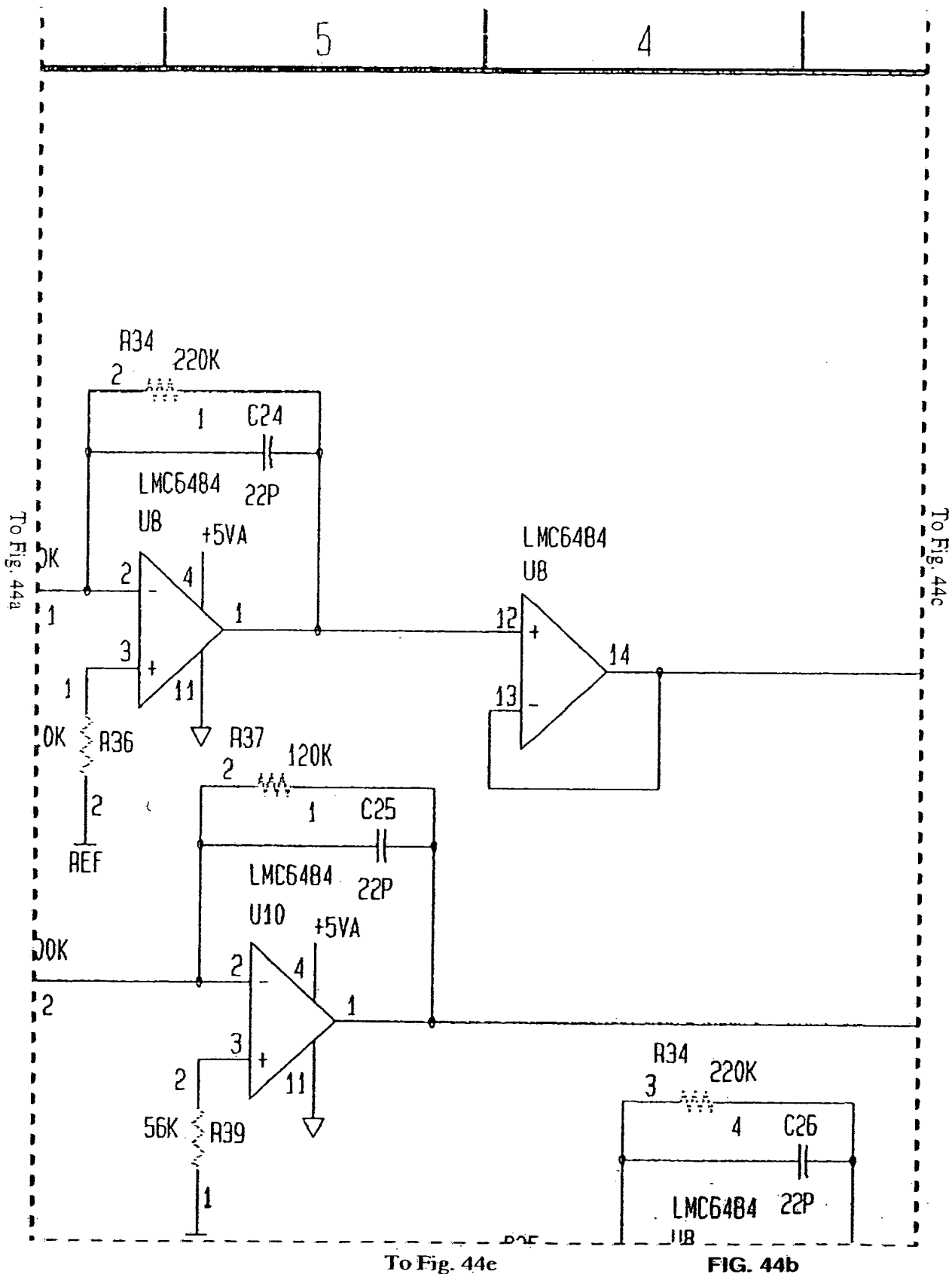
SHEET 6 OF 7

FIG. 43i

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To Fig. 44c

FIG. 44b

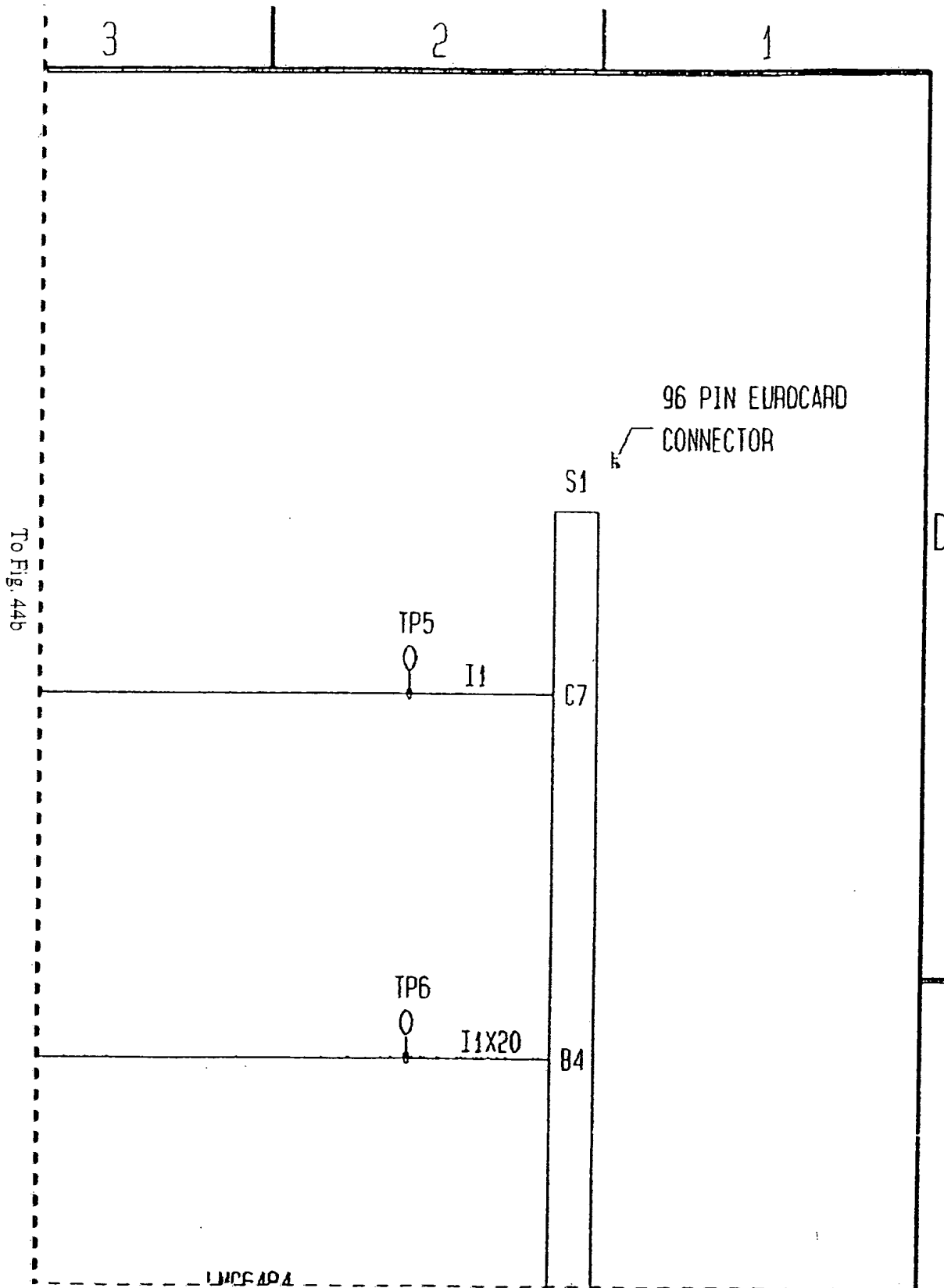
Patent Application for: PHASOR TRANSDUCER APPARATUS AND SYSTEM FOR PROTECTION, CONTROL, AND
MANAGEMENT OF ELECTRICITY DISTRIBUTION SYSTEMS

Inventor(s): Ronald G. Hart

Attorney Docket No. 6270/26, Serial No. 10/068,431 613,701

(10)

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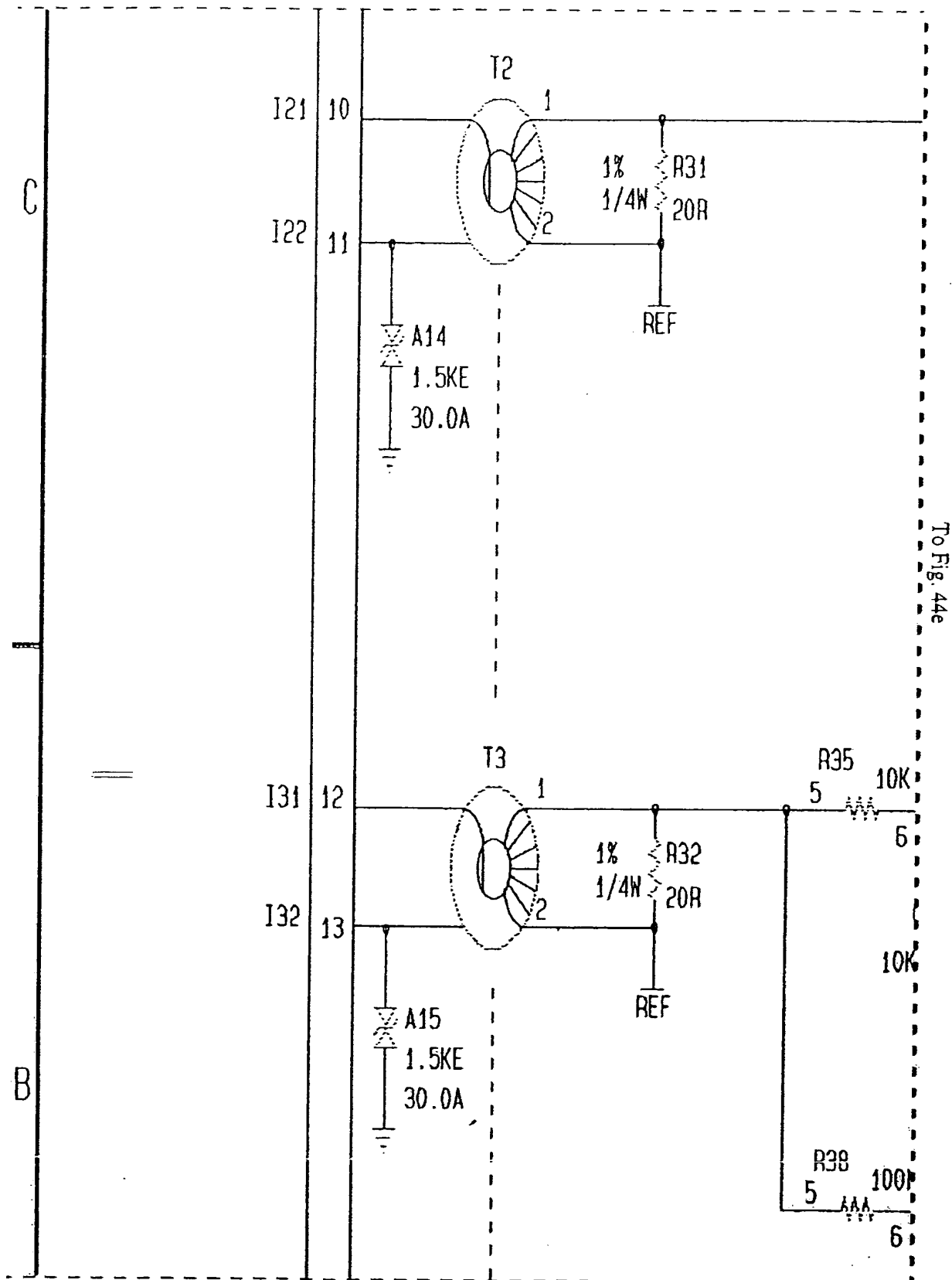


To Fig. 44f

FIG. 44c

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To Fig. 44a



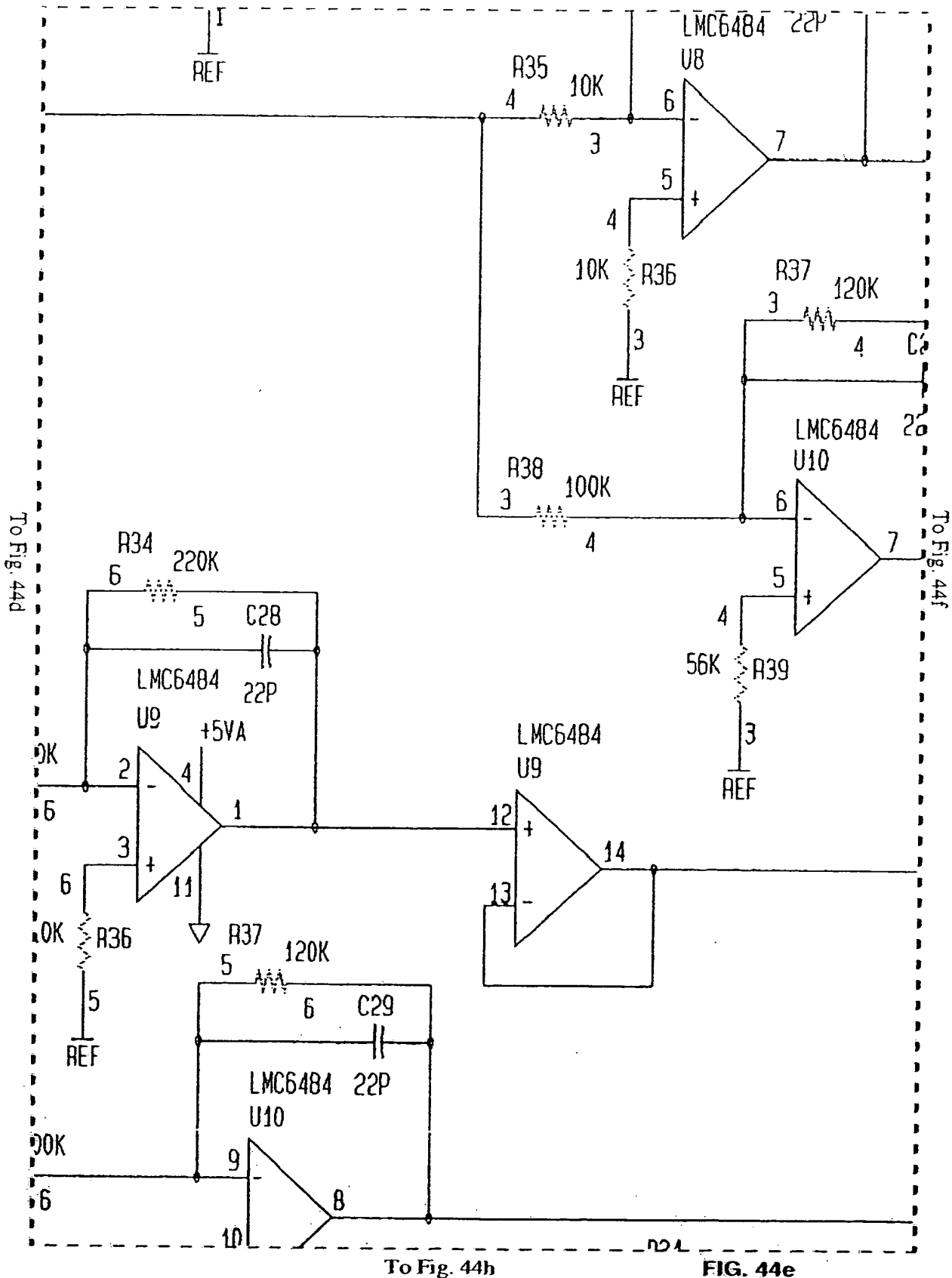
To Fig. 44e

To Fig. 44g

FIG. 44d

185 00 207

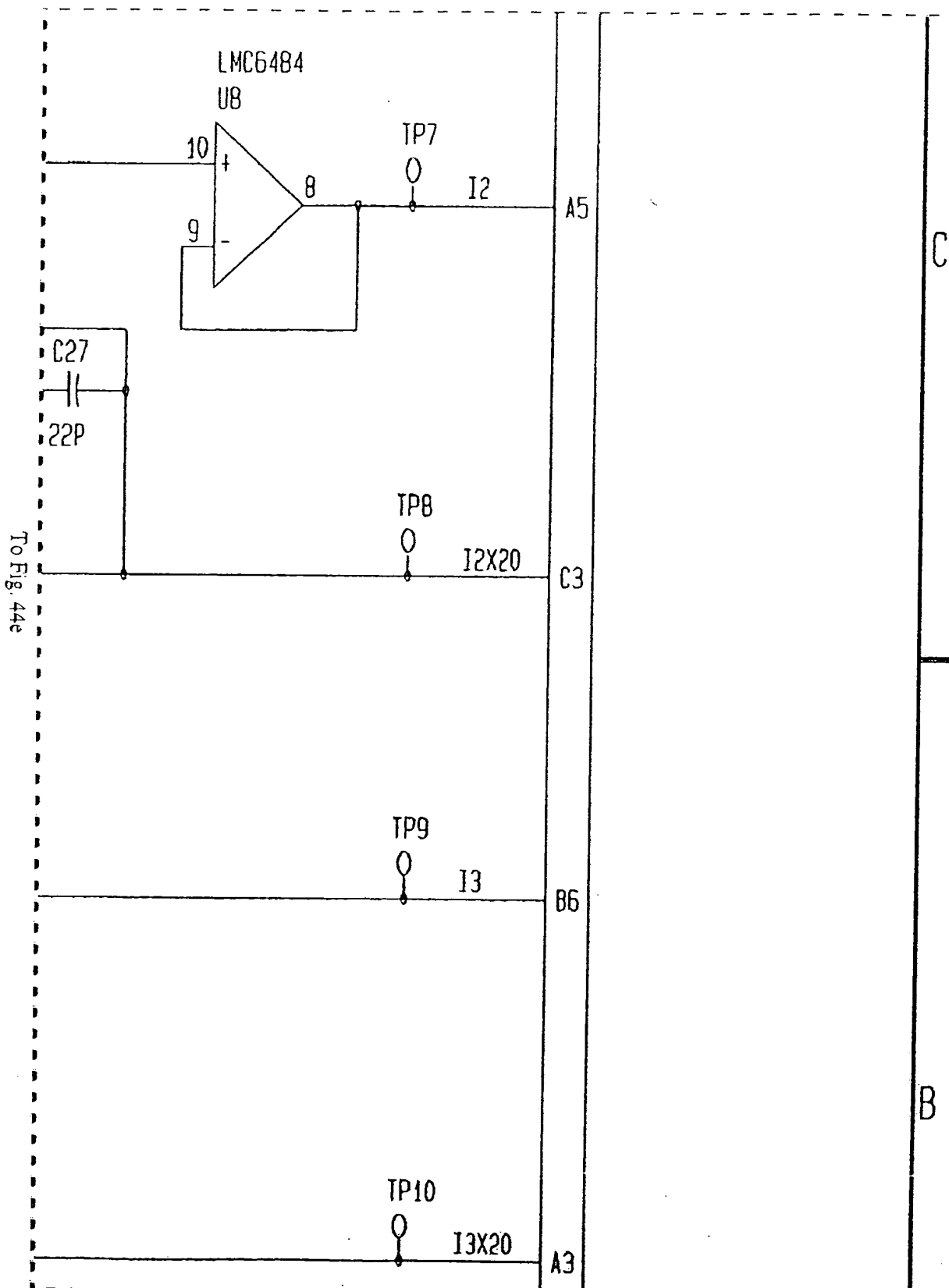
To Fig. 44b



To Fig. 44h

FIG. 44e

To Fig. 44c



To Fig. 44i

FIG. 44f

187 88 207

To Fig. 44d

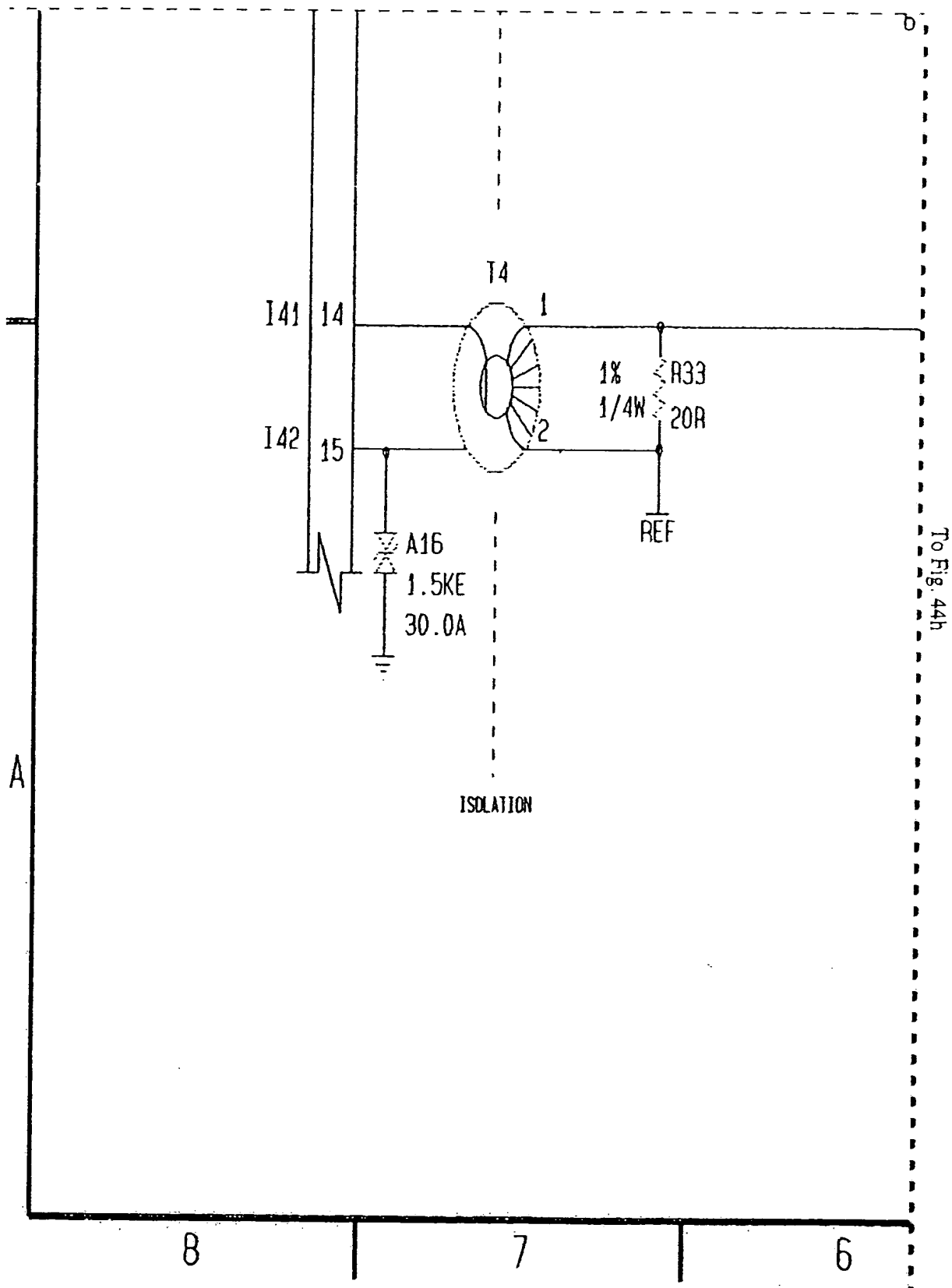
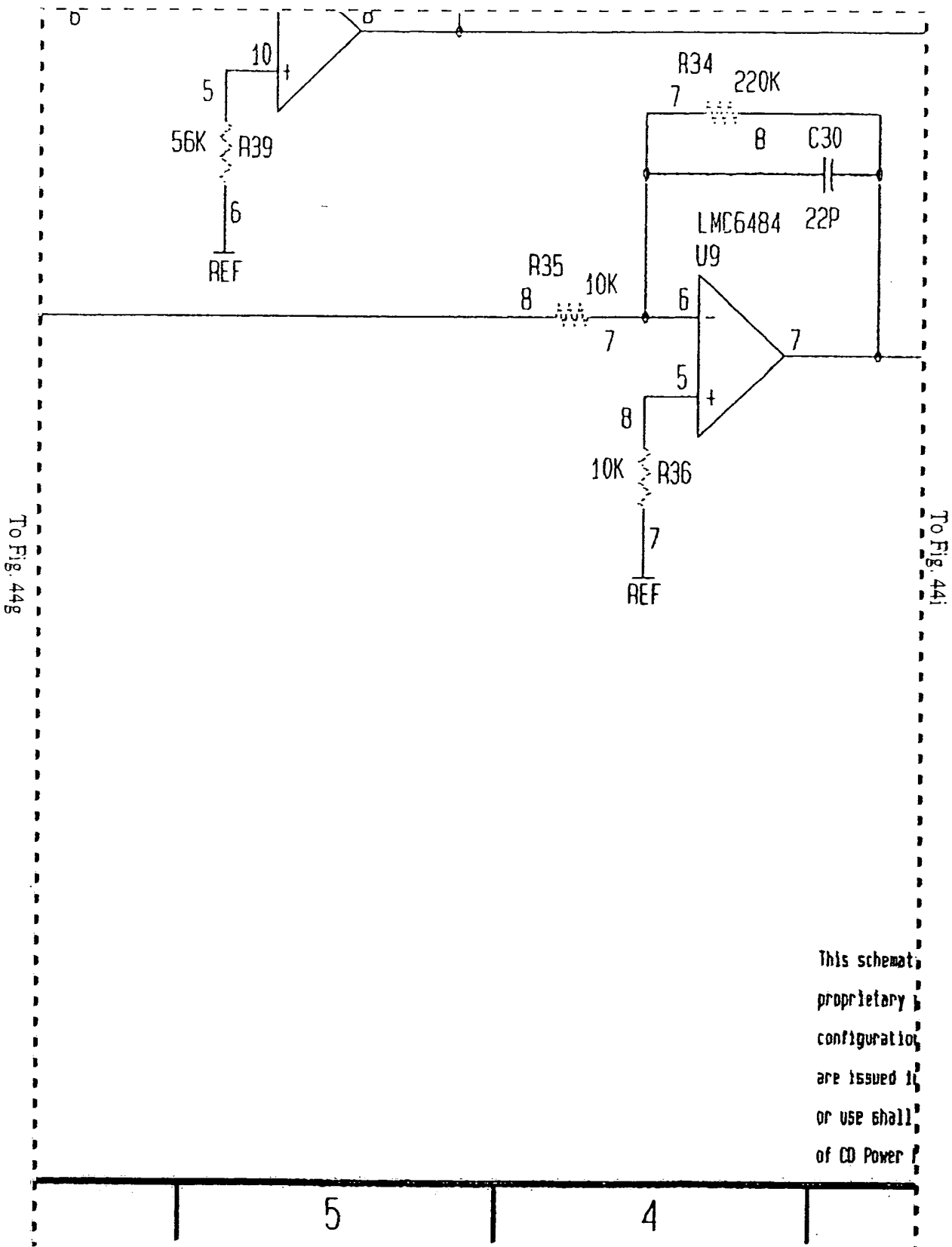


FIG. 44g

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To Fig. 44e



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FIG. 44h

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To Fig. 44f

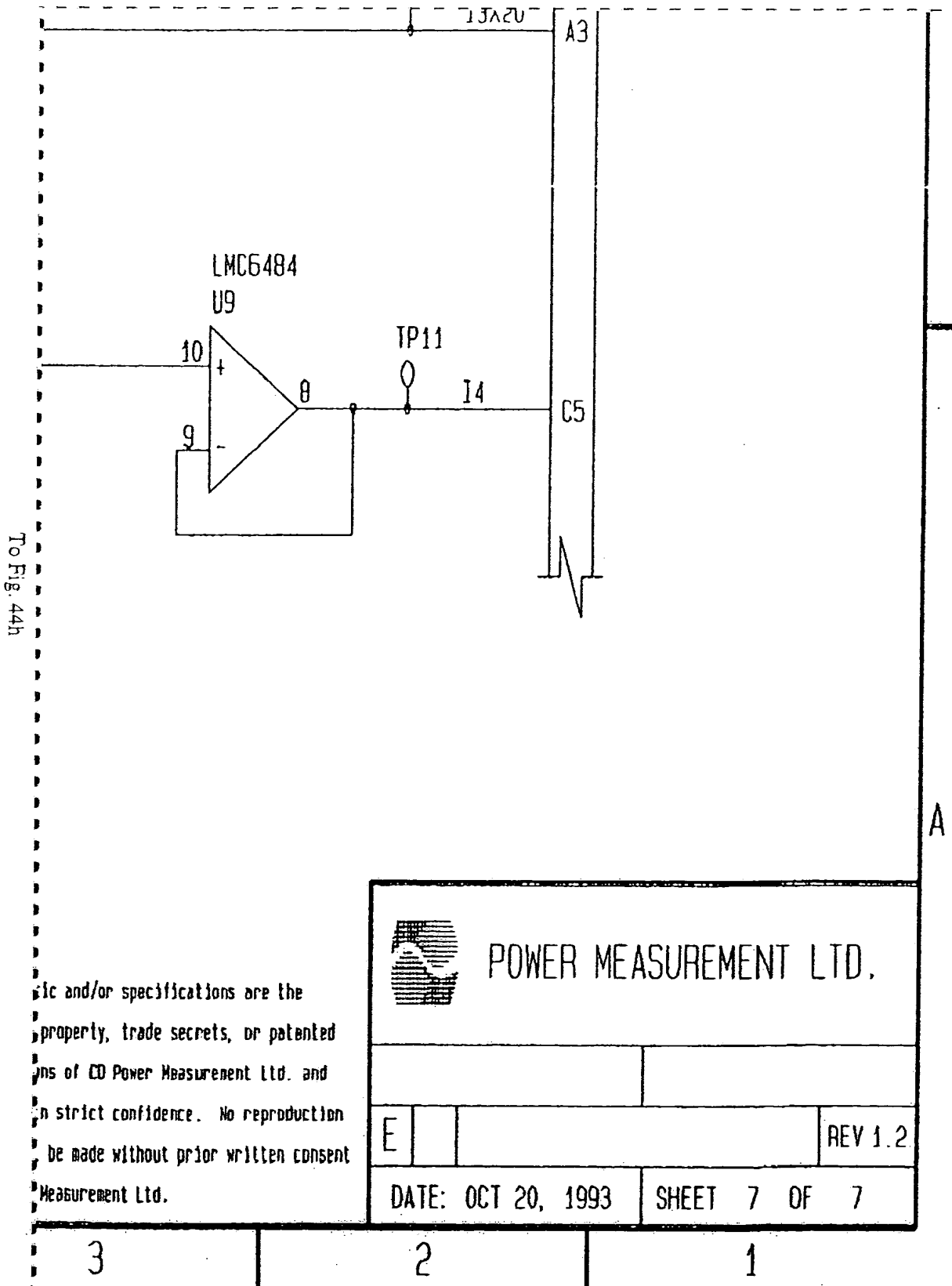
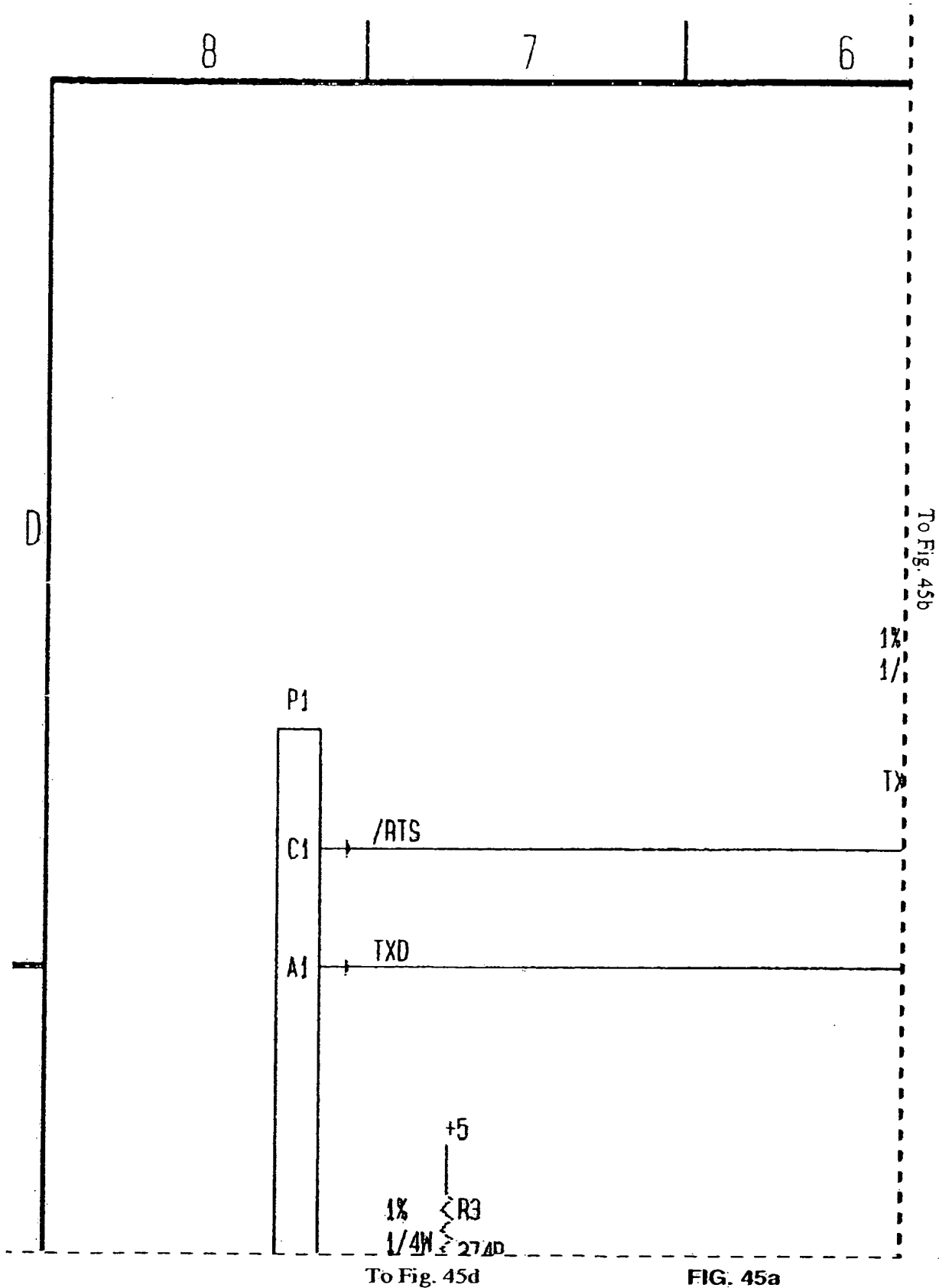
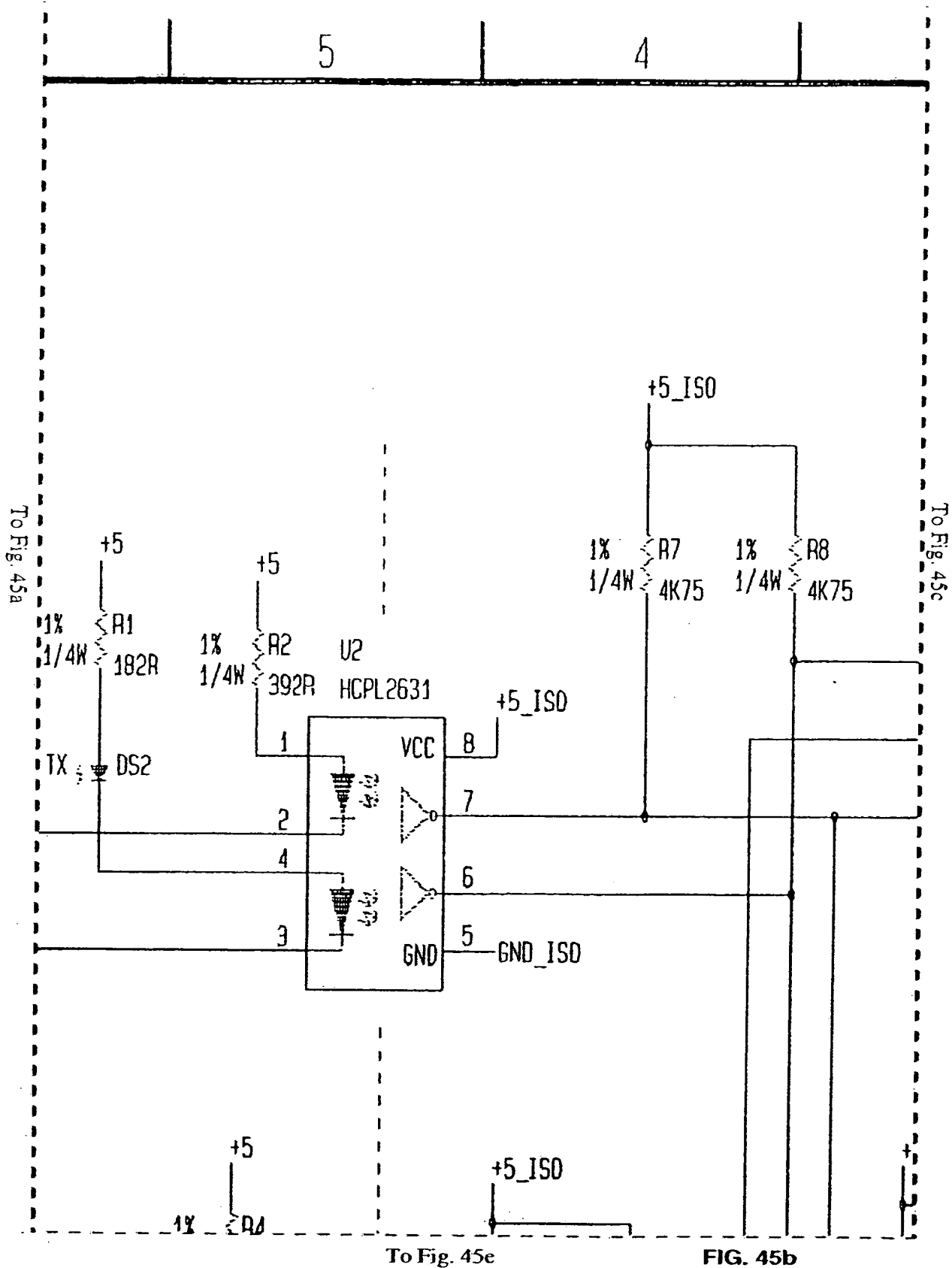


FIG. 44i

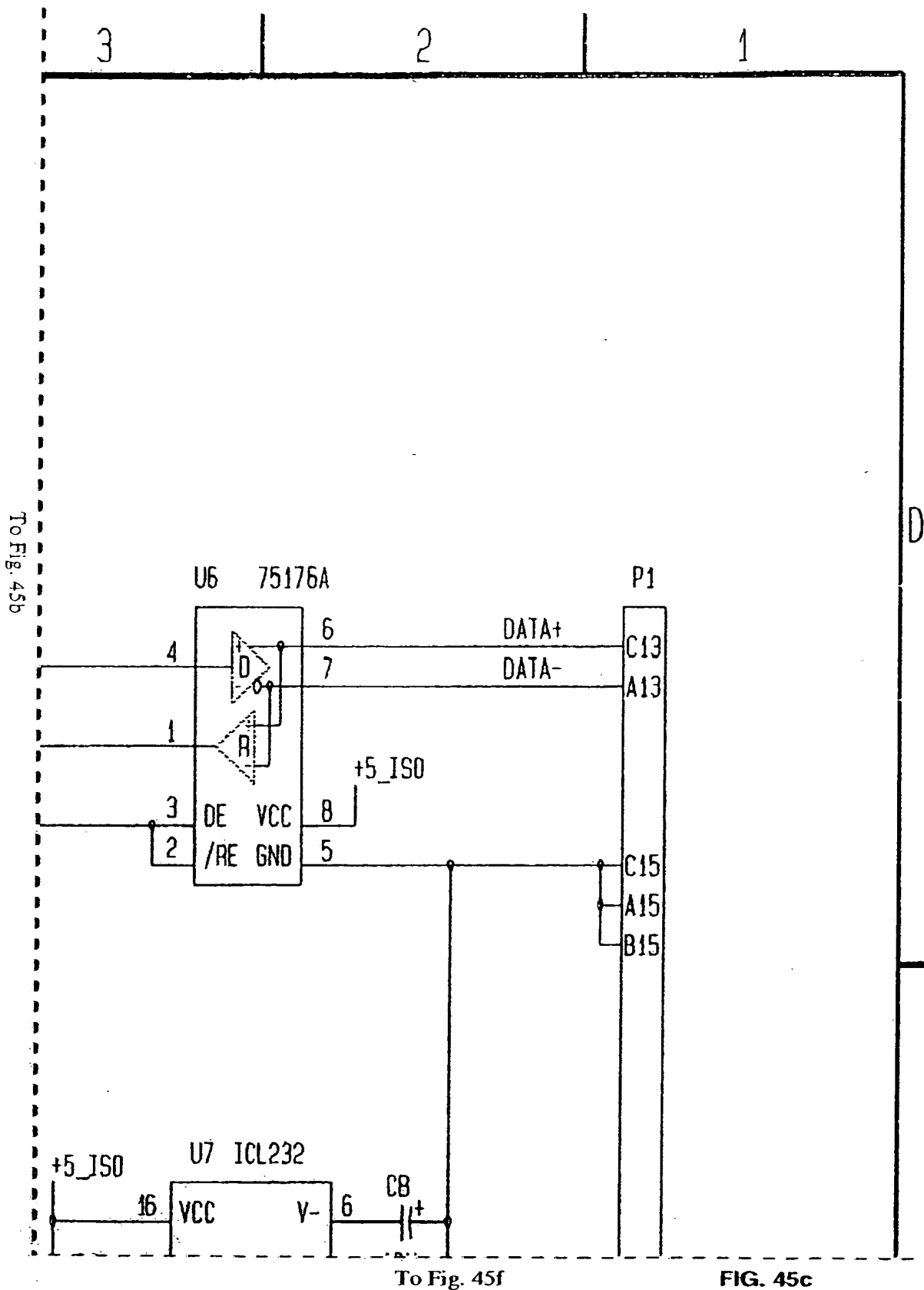


191 08 207



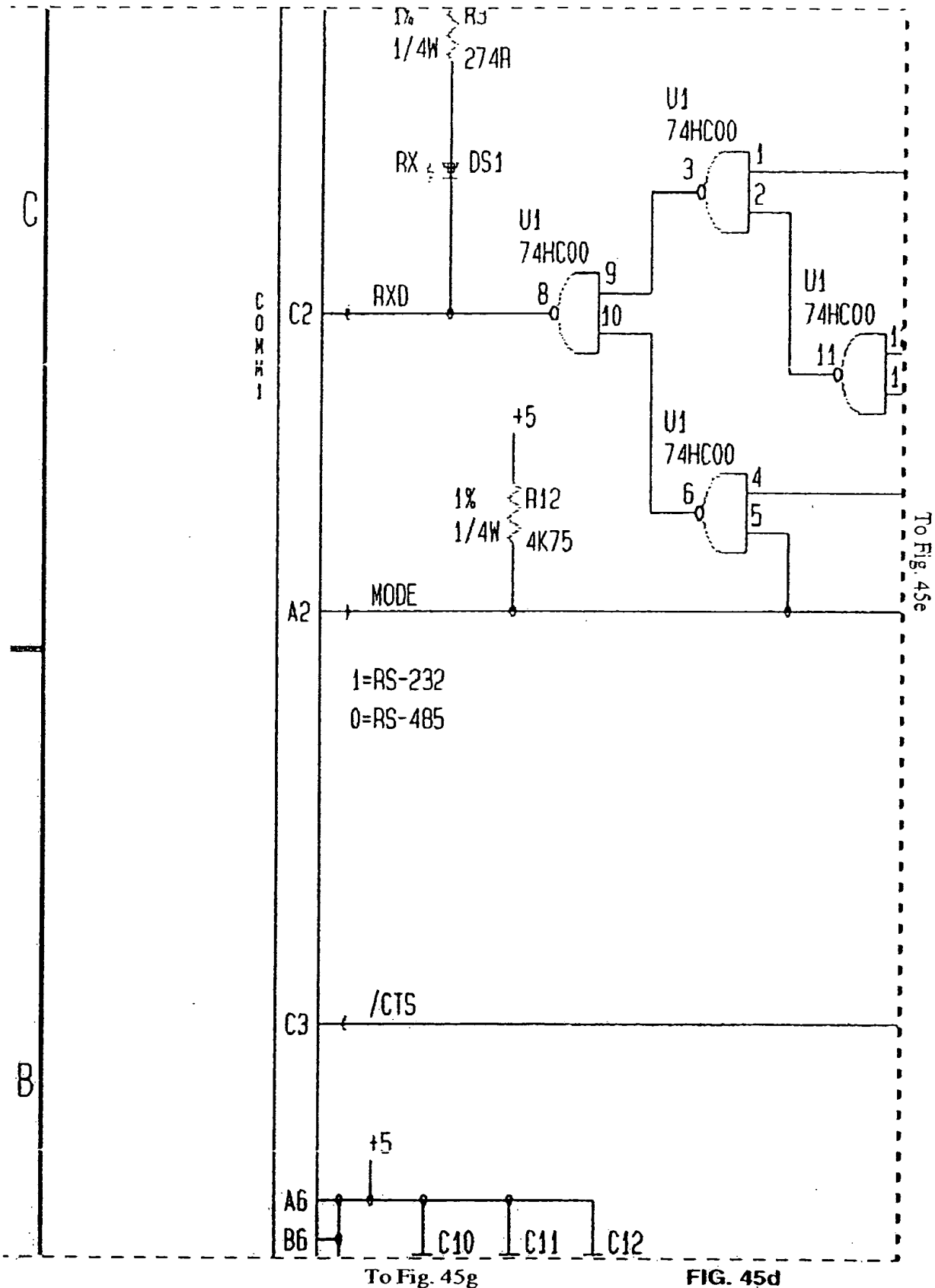
To Fig. 45c

FIG. 45b



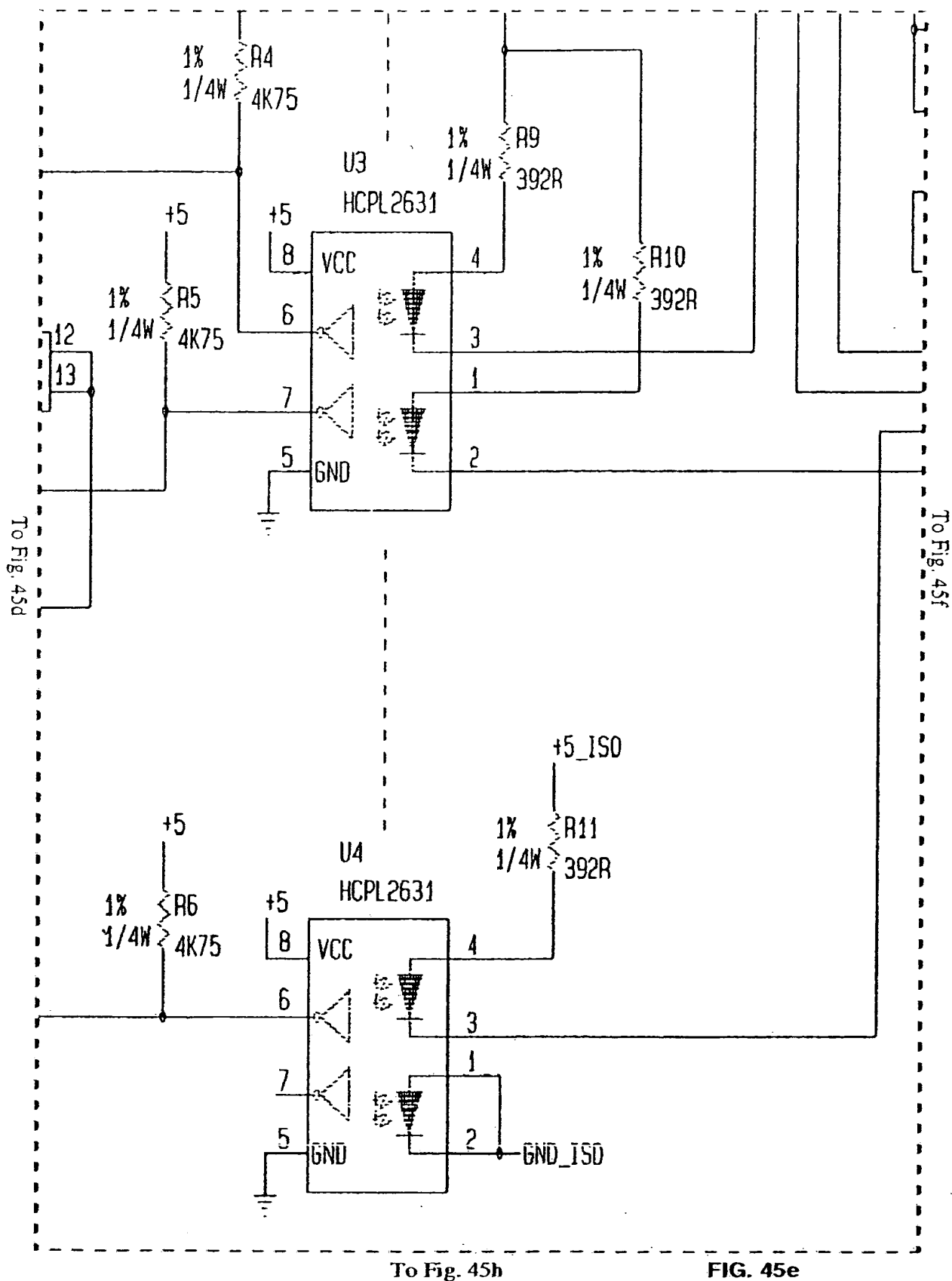
193 08 207

To Fig. 45a

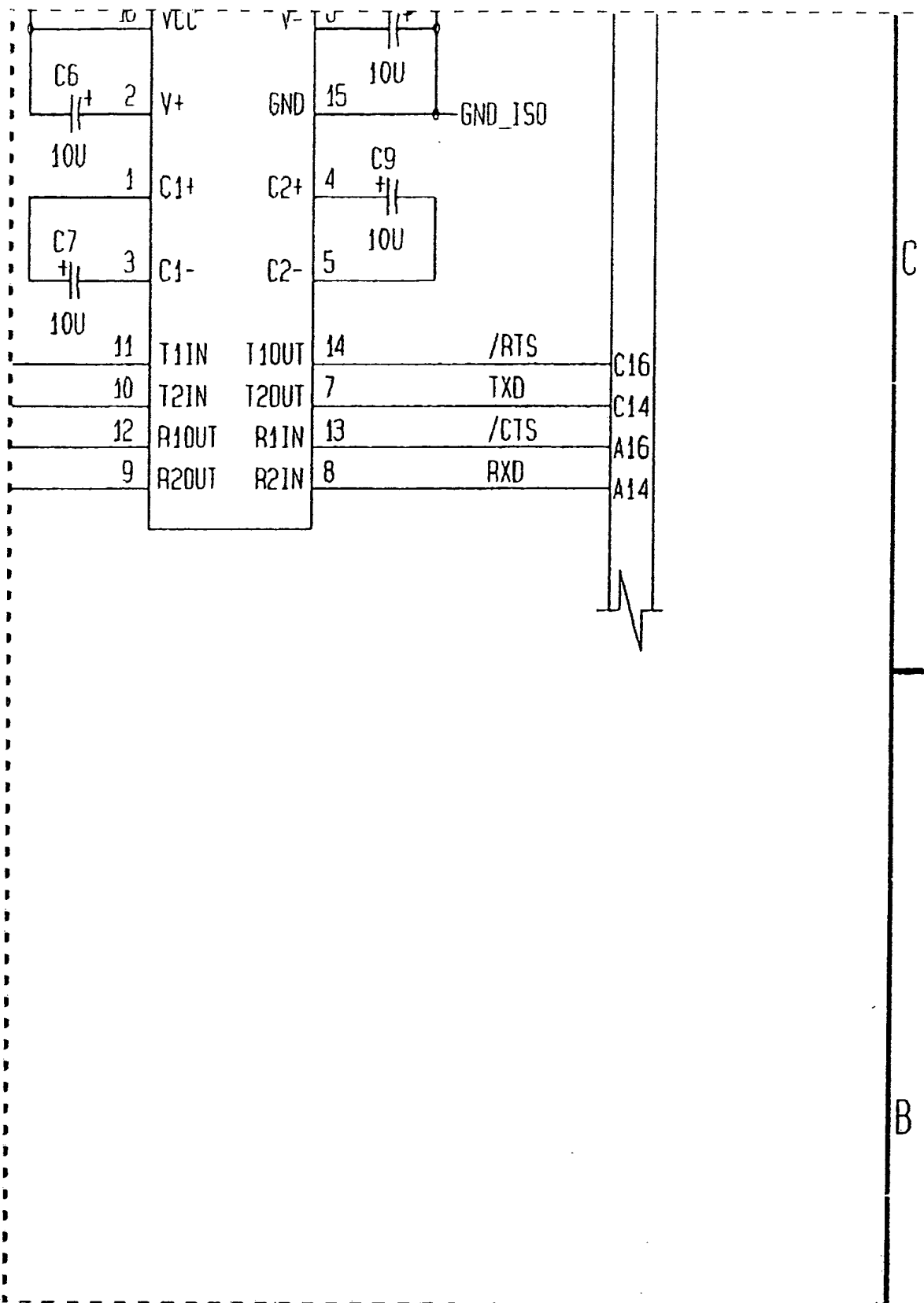


194 56 207

To Fig. 45b



To Fig. 45c



To Fig. 45e

To Fig. 45i

FIG. 45f

To Fig. 45d

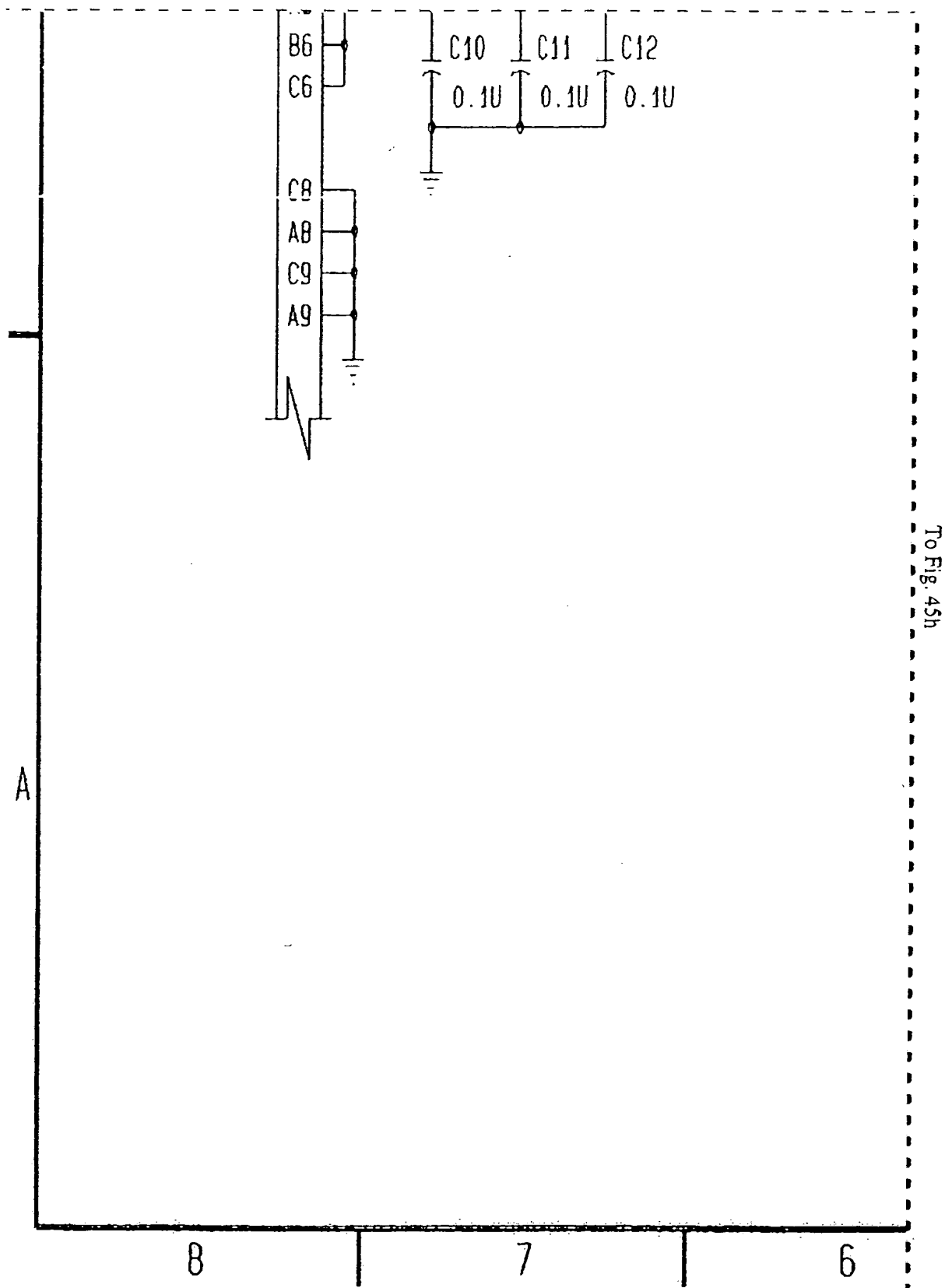
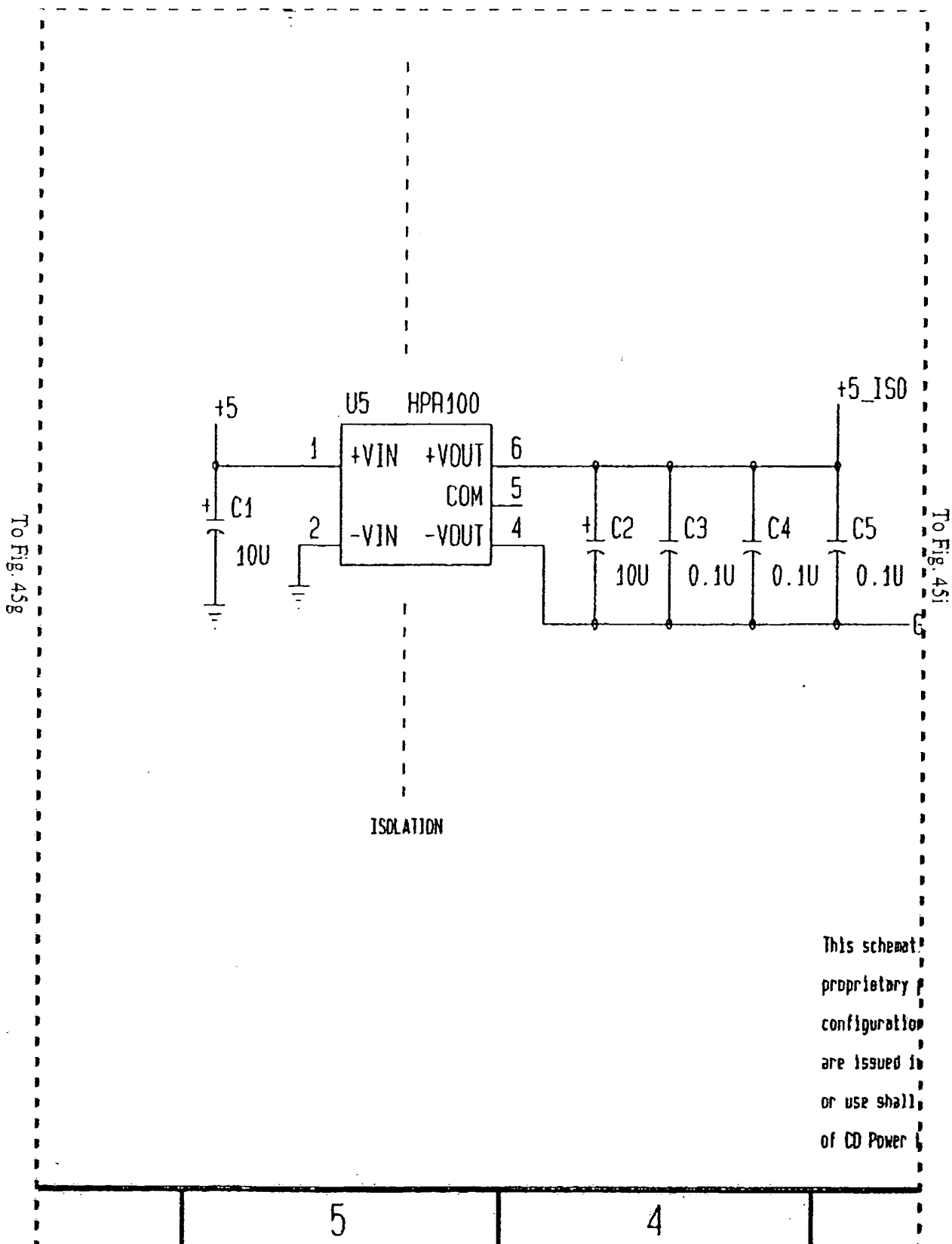


FIG. 45g

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To Fig. 45e



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FIG. 45h

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Attorney Docket No. 6270/76, Serial No. 10468-431 (13,70)

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To Fig. 45f

To Fig. 45h

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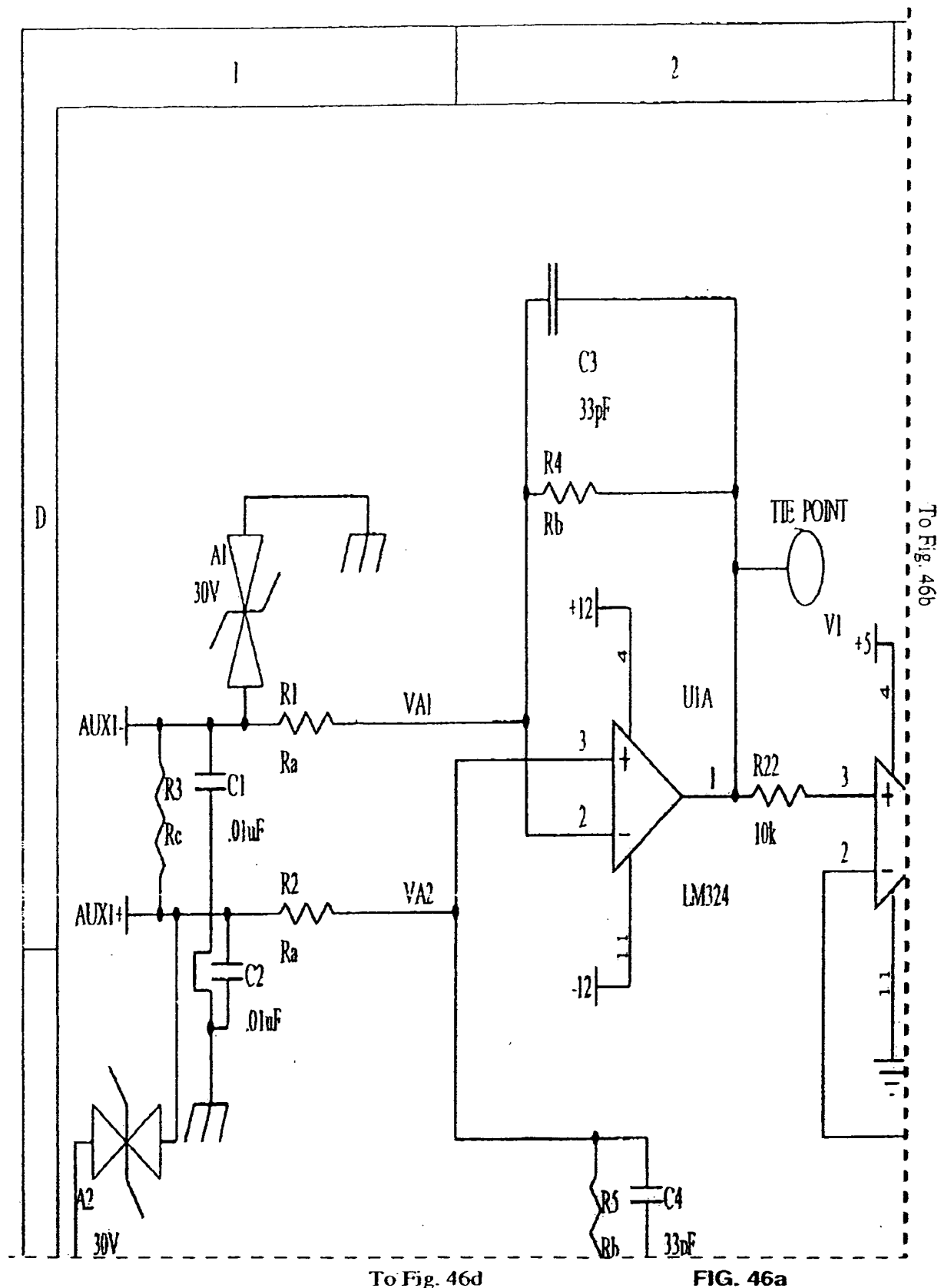
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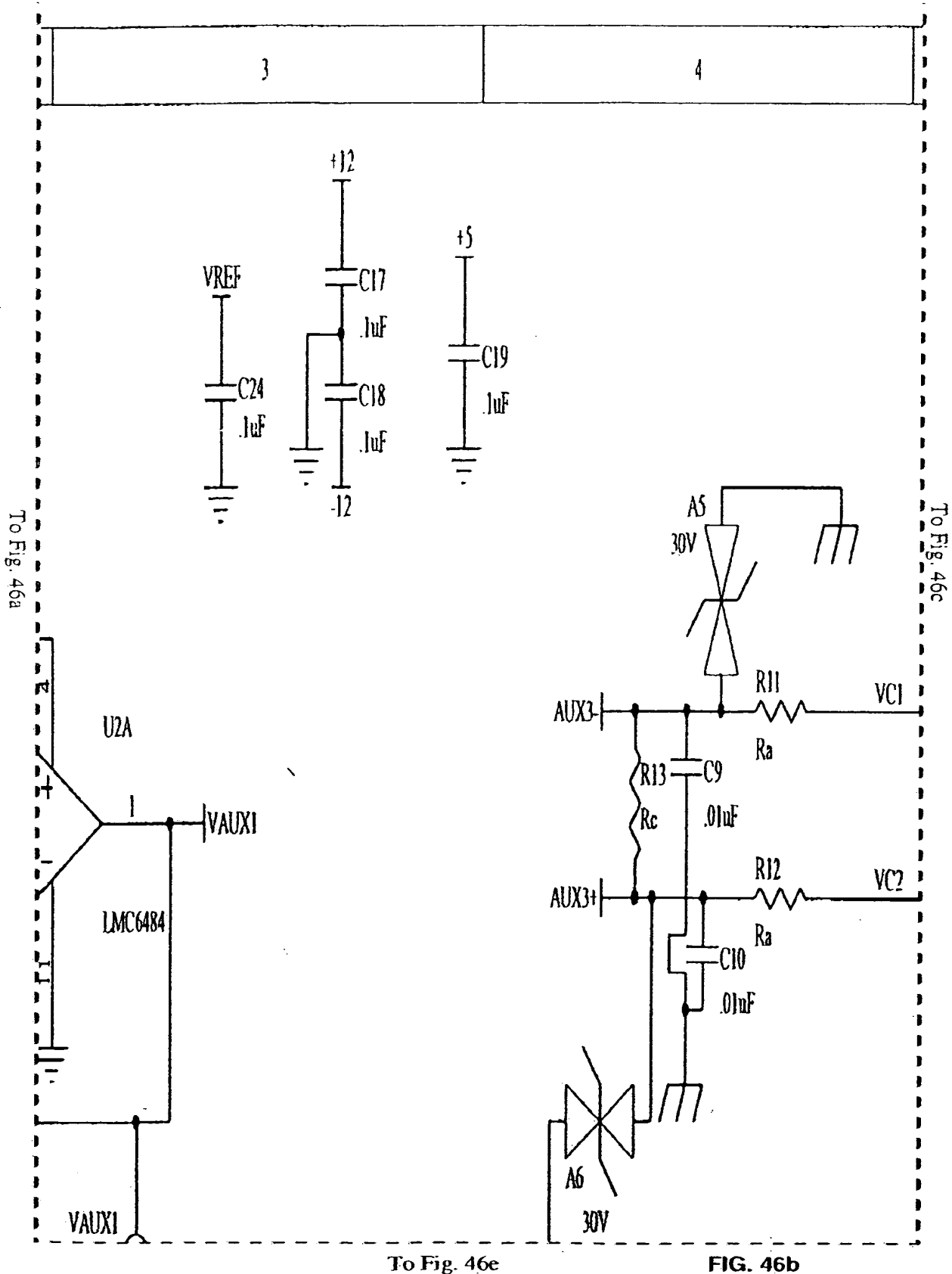
FIG. 45i

199 08 2007



To Fig. 46d

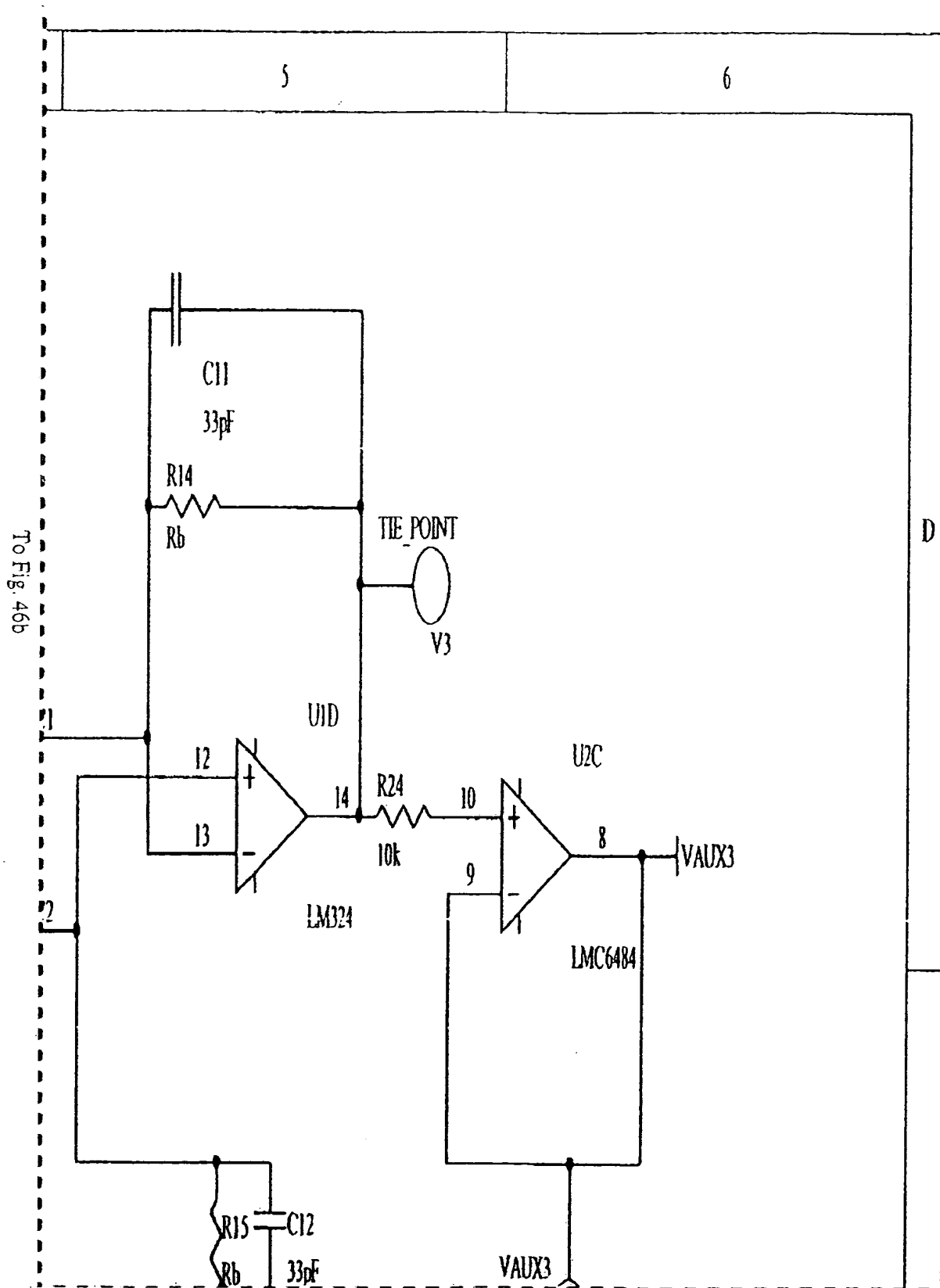
FIG. 46a



To Fig. 46c

FIG. 46b

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To Fig. 46f

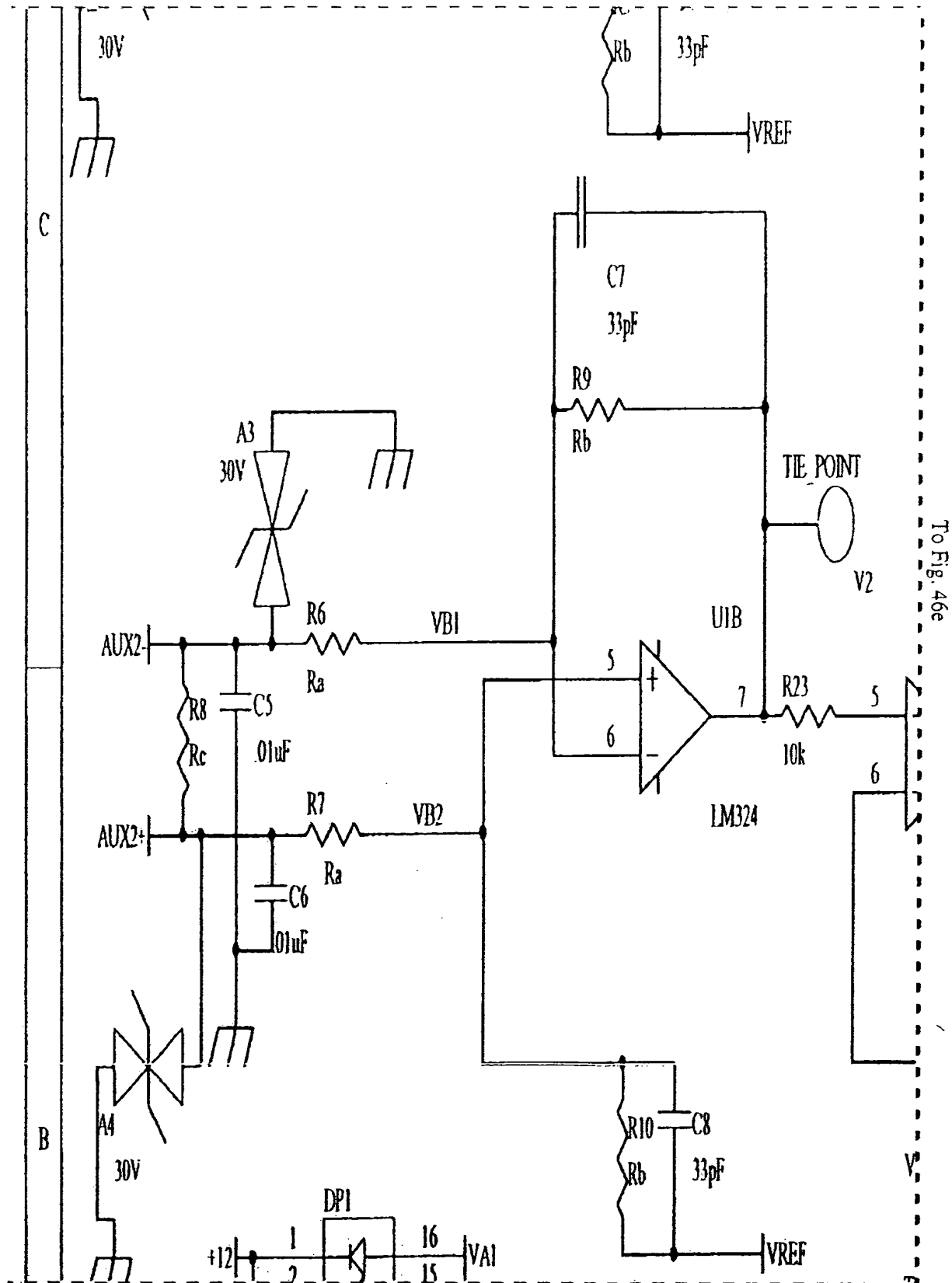
FIG. 46c

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To Fig. 46a



To Fig. 46e

To Fig. 46g

FIG. 46d

To Fig. 46h

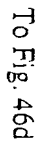
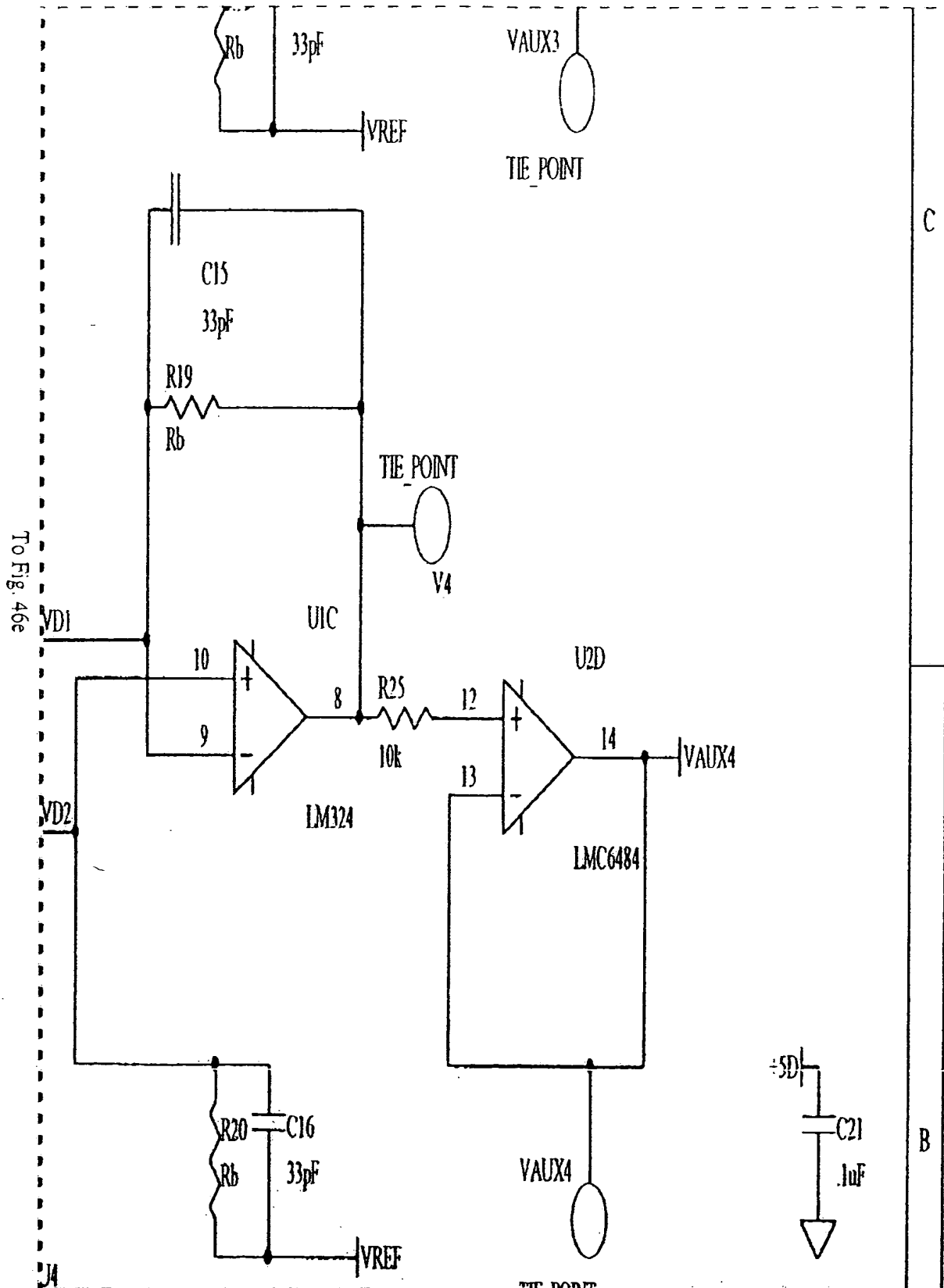


FIG. 46e

To Fig. 46c



To Fig. 46i

FIG. 46f

To Fig. 46d

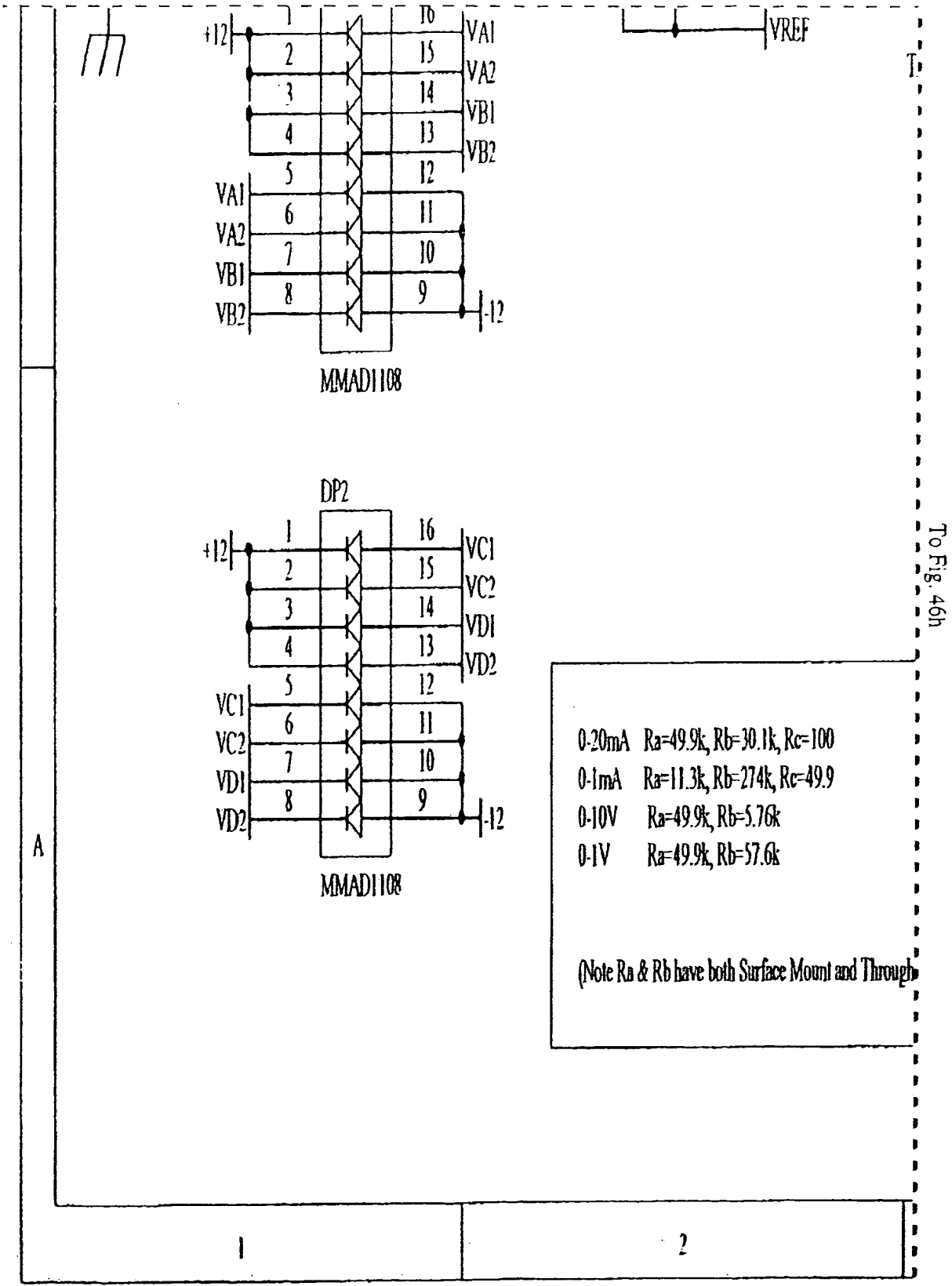
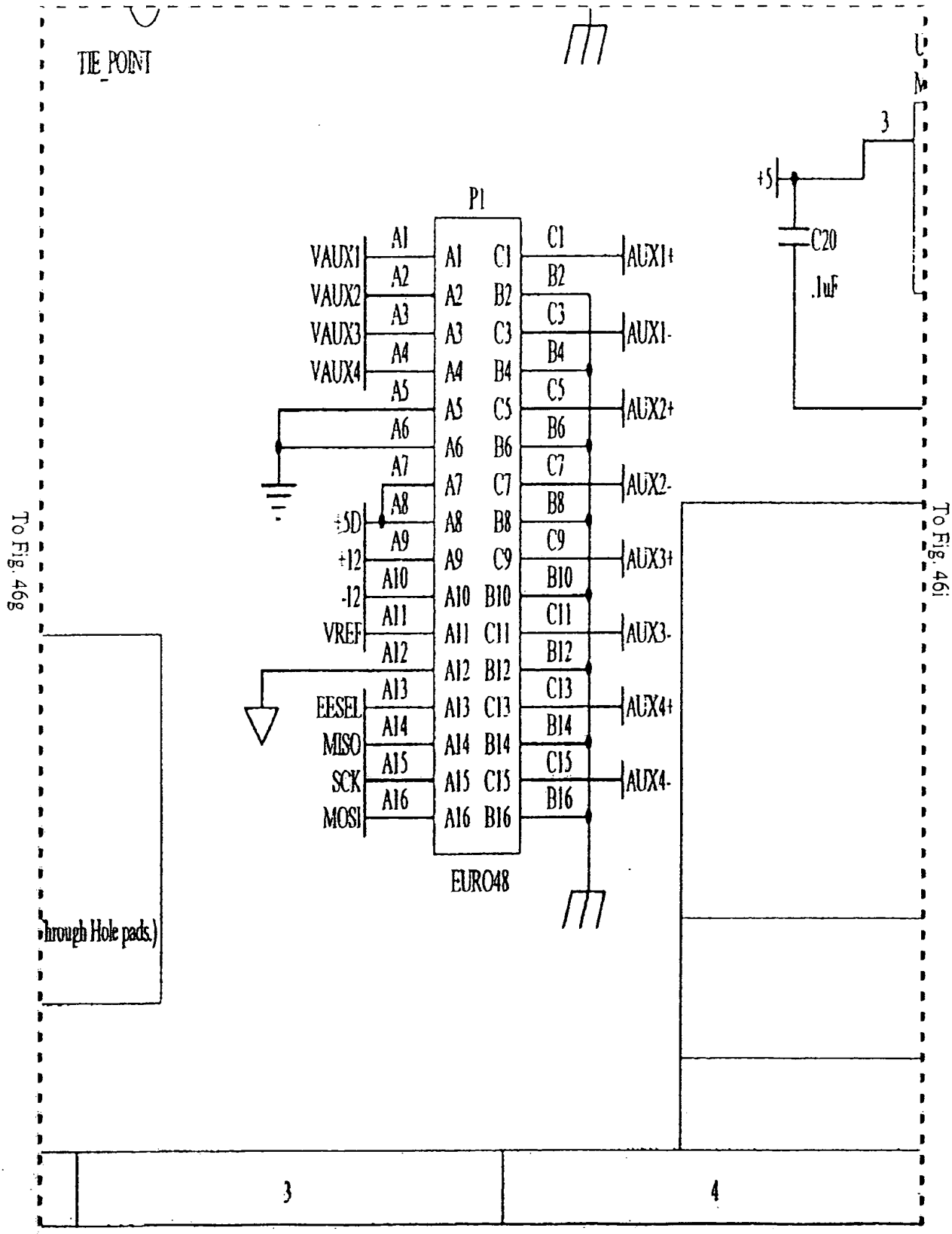
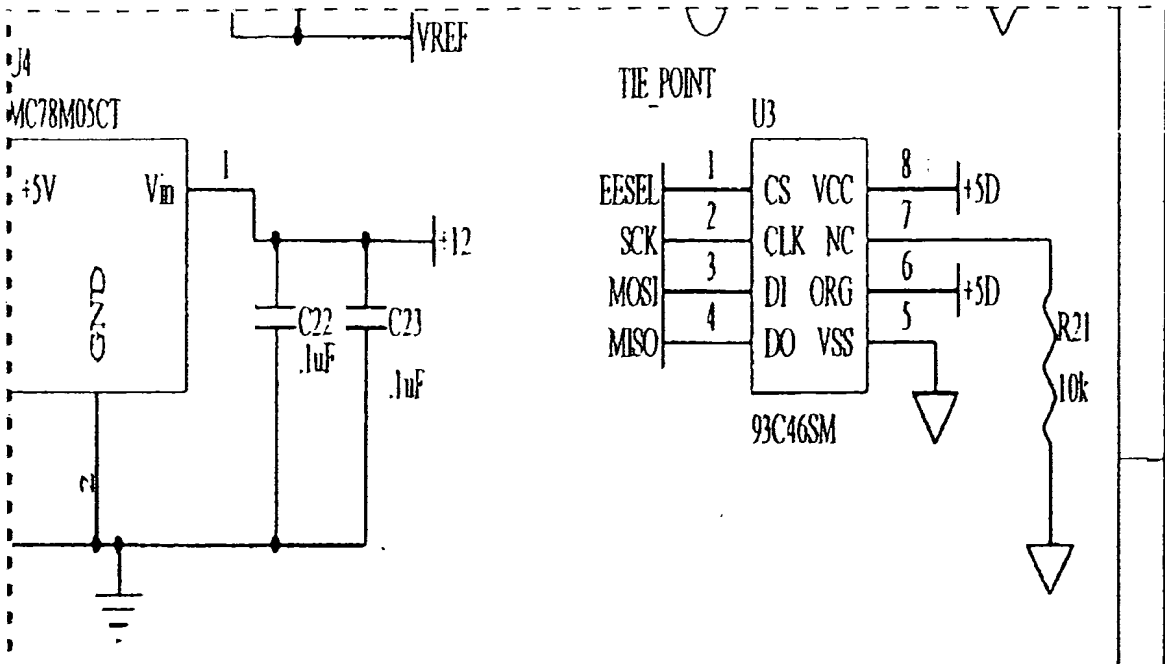


FIG. 46g

To Fig. 46e



To Fig. 46f



To Fig. 46h

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	1 of 1		

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FIG. 46i